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March 2021
Edition



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Important Dates

Monday, March 1, 2021: 2021-04A Begins

Sunday, April 25, 2021: 2021-04A Ends

Monday, April 26, 2021: 2021-06A Begins

Monday, May 31, 2021: Memorial Day, UOTP is closed

Sunday, June 20, 2021: 2021-06A Ends

Monday, June 21 - Saturday, June 26, 2021: Summer Break - no classes

Monday, June 28, 2021: 2021-08A Begins

Faculty Member of the Year Award

Congratulations to Dr. David Kimble on his recent award of being named the 2020 Faculty Member of the Year. His hard work, dedication, talent are commendable.

"Thank you for all of your major contributions, you are indeed well deserving of this accolade."

Dr. Tony D. Johnson



International Women's Day

Celebrating Women Across the Globe

The campaign theme for International Women's Day 2021 is **#Choose To Challenge**



UNIVERSITY NEWS



UOTP Technology, Business and Healthcare Forum

Come out and join us for our first quarter 2021 virtual forum presentations. These are designed to support student access and training required to obtain technical certifications needed in the workforce.

The following discussion topics are scheduled for the month of March:

Panel discussion - Identify Theft

Fri, March 26th, 2021 6:00 p.m. to 7:30 p.m. EST

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/130822333>

* Topics may change based on employer priorities *

Point of Contact:

Dr. Kimble

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Instructor Candidates for the AWS Academy Cloud Foundations

Congratulations to all the instructors for taking the AWS Academy Cloud Foundations Workshop. The course is for educators who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support. This training workshop reviews the core domains of knowledge necessary to achieve the AWS Certified Cloud Practitioner certification exam and teach the AWS Academy Cloud Foundations course.

The following instructors participated in the workshop and received the status of Instructor Candidate:

Abraham Zeyohannis

Ashfaq Anwar

Carol Farabee

Darcel Tolliver

David Kimble

Dennis Hermann

Henry McKelvey

Joseph Boayue

Nate Perry

Paul Jaikaran

Robert Brown

Ronda Williams

Salman Qureshi

Sara Hummell

Walter Foggie

Yvonne Hood

Mission and Goal of Career Development Services (CDS)

Career Services is dedicated to preparing our grads for employment opportunities by providing assistance with resumes, developing interview skills, professional tips, networking, workshops and job searching strategies. The mission of Career Services is to provide support to our students by developing their personal potential which leads to employment in their field of study. This is achieved by introducing students to professional development opportunities, with the goal for the student to become the best marketable job candidate. The goal of the Career Services team is to assist students by preparing them for employment opportunities so help achieve their employment goals.

Career Service Resources in Moodle

Please visit the Career Services Resources in Moodle. There are many different resources to help prepare you for employment. Please take your time to do some of these activities. Resources include: Resume, mock interviews, networking, applying for jobs, professionalism, etc. You will continue to see resources added over the next few months. I encourage you to review the sample resumes and create your own resume and forward your resume to: Careerservices@potomac.edu



Career Service Workshops

Ongoing workshops are held weekly, highlighting specific areas to help prepare you for employment opportunities. If you would like to attend workshops please email Career Services and request an invite to the following training: Resume, mock interviews, networking, applying for jobs, linkedin applications, professionalism.

G.I. JOBS VIRTUAL CAREER EXPO

Connect with Employers. Get Noticed in Real Time.

MARCH 24, 2021, 12-4PM EST

The next G.I. Jobs Virtual Career Expo is scheduled for March 24th. The event will feature various companies that are actively looking for candidates in a variety of skilled-trades. Participants are connected directly with organizations from the comfort of their home, office, smartphone or tablet. During the event participants may:

- Explore the available information and opportunities
- Upload resumes
- Participate in 1-on-1 text and/or video chats with representatives from participating organization
- Share your background and experience
- Have all your questions answered

ARMED FORCES DIGEST

HealthCare.gov Marketplace Open through May 15

Do you or a loved one need health insurance, but you're not eligible for VA care? Between February 15 and May 15, 2021 you and your loved one may qualify for coverage through a Marketplace plan, Medicaid, or the Children's Health Insurance Program (CHIP).



[LEARN MORE](#)



Sleep Problems That Affect Veterans

See how Dr. Miranda Lim of the VA Portland Health Care System in Oregon conducts research on sleep problems affecting Veterans by traumatic brain injury and posttraumatic stress disorder.

[LEARN MORE](#)

VA Extends Moratoriums On Evictions, Foreclosures, Extends Loan Forbearance Opportunities

VA will extend the existing moratorium on evictions and foreclosures, as well as extend VA loan forbearance requests, to June 30, because of COVID-19.



[LEARN MORE](#)



VETERANS EXPERIENCE LIVE (VETXL)



COVID-19 Vaccine Q&A with Department of Veterans Affairs on RallyPoint

JOIN US ON MARCH 3 FROM 3:00-4:00PM ET FOR A Q&A CHAT. Ask your questions of CDC, HHS, and VA experts from the National Institute of Allergy and Infectious Diseases (NIAID) National Institutes of Health and VHA National Center for Health Promotion and Disease Prevention!



Upcoming Events

Creating a Great Elevator Pitch: Virtual Workshop for Job Seekers

Tuesday, March 2, 2021, 1:00 p.m. – 2:00 p.m. EST
Online Event for Veterans and Military Spouses

Learn how to introduce yourself with confidence and network your way to career success. This interactive workshop will include two parts: a best practices presentation followed by an interactive workshop where participants will have a chance to work in small groups to refine and practice their elevator pitch.

[REGISTER HERE](#)

Military Spouse Virtual Career Fair

Thursday, March 4, 2021, 1:00 p.m. – 3:00 p.m. EST

The Military Officers Association of America (MOAA) and Hiring Our Heroes invite you to participate in our exclusive Virtual Career Fair event. This unique opportunity connects the military and veteran community directly with employers.

[REGISTER HERE](#)

Virtual Seminar: Unlocking Stress Cycles

Thursday, March 4, 2021, 1:00 p.m. – 2:00 p.m. CST

Stress affects each person differently and can lead to many physical, emotional, and mental challenges. Join us and the Endeavors Veteran Wellness Center (VWC), as we focus on identifying stress and burnout, tools to lower stress, and how to evaluate the effectiveness of stress tools.

Questions? Contact Kimberly Anderson at kanderson@endeavors.org

[REGISTER HERE](#)

ACADEMICS CORNER

What Does a Software Developer Do?

Written by UOTP Marketing
Originally published January 15, 2021 8:02 am, updated February 1, 2021

What Is a Software Developer?

What Type of Work a Software Developer Really Does?

What Types of Software Developers Are There?

Why Should You Become a Software Developer?

What Type of Skills Are Necessary?

Technology has affected the world to such a degree that it's still difficult to grasp how all of that happened in such a short time. All the applications, programs, and games we interact with daily have become an integral part of our lives. Hence software developers too, have in a way become part of our life thanks to their contribution to the development of technology. They are the driving force behind the applications on our phones, the computer systems that we use, and the games we play.

What Is a Software Developer?

A software developer is an expert in computer science and technology who is able to write software based on different requests from organizations or companies. They also create software to address a specific issue. Software developers create customized software for each profession. We've highlighted below in more detail what software developers actually do, what skill sets are necessary to become a successful developer, what type of education is needed, and how much they make.

What Type of Work a Software Developer Really Does?

The answer seems simple; software developers develop software. Well, yes they do that, but, when you put it that way, it seems like this is a single task. Just like any job, there is more to it than its name. In fact, a typical software developer follows a detailed process as they write software. Let's take a closer look at this process.

Research

Before they put on their developer's hat, software developers have to do extensive research. They do this to see what people are demanding and what existing problems are there. Problem defining may seem easy but it's a very difficult part of the process. After all, Einstein said, "If I had an hour to solve a problem I would use 55 minutes to think about the problem and 5 minutes to think about the solution."



Develop systems

After the research stage is completed, it's time to come up with a solution, and according to that solution they design, develop, and test software. Software is developed by writing a source code through a programming language. A programmer or developer usually writes the source code. The code contains the instructions the developer has created for the computer.



The work is not over after developing software. Nothing works well without having proper support. So, developers also have to make sure that the systems they have created are functioning without problems. They have to keep up with software maintenance and updates.

Support

Keep record

In the end, it's important for software developers to keep records. They need to document the systems they have put in place, or applications to make sure there is a correct database in place. This makes it easier for them to maintain and fix any issues that may come up.

What Types of Software Developers Are There?

There are two major types of software developers. Applications and operating systems software developers.



Applications software developers

Applications software developers usually develop applications for users. These developed apps are suitable for computers, mobiles, and tablets. The type of apps depends on the demand, which as discussed above is considered during the research stage. Application developers may work for individual users or companies.

Operating systems software developers

Operating systems software developers develop systems that help our computers function properly. They also develop the system's interface which helps consumers interact with the computer. Examples of systems software include; Android, Microsoft Windows GNU/Linux, and macOS.

Why Should You Become a Software Developer?

Software development is one of the fastest-growing industries. This is due to the fact that we live in the era when technology has reached its peak and there are always companies or individuals who are looking to hire skilled developers and their services. But apart from that, there are a few more reasons why a job as a software developer is appealing.

High Salary

According to the Bureau of Labor Statistics, the median pay in 2019 for a software developer was \$51.69 per hour. This means that you will be paid roughly \$107,510 per year. This is why software development is considered to be one of the highest-paying majors.

Education

You'll probably be surprised to hear that you'll only need a bachelor's degree in order to become a software developer. But, that's not all, you can become a software developer even if you have another degree in related fields.

Job outlook

BLS predicts that by 2029 there will be a 22% rise in job demand for software developers. Even if you don't end up working as a software developer, you'll at least have learned a thing or two about coding, and in today's age coding is a vital factor for a successful career.

What Type of Skills Are Necessary?

At this point software development probably sounds like a dream job. However, it's always important to remember that this too has its own certain skill set.



Hard Skills

Computer literacy is an obvious skill required when it comes to software development. Beyond that, learning a few coding languages is highly desirable. As a developer, you'll need to know programming languages such as; Java, Python, C, C++, Ruby, and others. The best part about hard skills is that they are easy to learn. Especially programming languages since classes and courses are easy to come by, either online or through traditional in person-classes.

Soft Skills

Soft skills are very important skills to have in order to become a successful developer. Software developers are seen as people who spend most of their time in front of the computer with little to no interaction with others whatsoever. However, this image of them isn't necessarily true. This is because software developers will be constantly in touch with users and clients in order to understand what their demands are. Also, when keeping up with maintenance you will be in constant contact with people that might be not that tech-savvy. That's why skills like communication, teamwork, willingness to learn and improve are essential.

Indeed software development is an exciting and compelling field. Being an in-demand job and the ever-changing might make it irresistible for many and maybe too dynamic for some. The way you look at software development might depend on what you want from a job. If you see yourself wanting to create a routine in your job, maybe software development might not be the right job. On the other hand, if you wish to go contrary to the routine, then perhaps you should give software development a chance.