Chris Peter Francis

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SUMMARY

Junior university student interested in cloud technologies, modern IT environments, and producing results at scale and with velocity. Experienced with several IT-stacks and development in various environments. Interested in joining Amazon Web Services' IT team to deliver projects and results.

EDUCATION

B.S. Technology Management | Minor in Cybersecurity and Business | Texas A&M University | May 2022 | 4.0

SKILLS

Development: HTML \ CSS \ JS, Python, Java, C, Lua

Operations: Unix, Windows, CLI, Bash, Troubleshooting, Ticketing Systems

Analytics: Excel, Access

General: Office Suite, Presentations, Documentation, Data Processing

EXPERIENCE

IT Student Technician | Bush School of Government and Public Service | College Station, Texas | May 2020 - Present
· Analyze, troubleshoot, and repair issues related to computers in a mixed operating system environment for over 100 end-users.
· Customize, test, deploy and document over 80 software installation packages.
· Image nearly 300 computers utilizing computer deployment tools following specified procedures.

Guest Operations | Space Center Houston | Houston, Texas | October 2017 - August 2018
· Greeted and interacted with over 300 local, national, and international guests daily.
· Educated guests about the history of manned space flight and NASA endeavors.
· Handled thousands of dollars daily using Point of Sale system.

PROJECTS

Kaplan-Automate | Chi Psi Beta Fraternity Inc. | March 2020
· Developed web scraping script using Python to retrieve over 1800 data points into self-maintained database.
· Developed web automation script using Selenium to fill in information and reduce task time by 95%.
· Effectively raised $6,000 in funding for Mental Health Awareness with the application.

Pelican-DevOps | January 2020
· Worked with a pseudo Operations team to deploy a web application using Pelican and Git.
· Configured cloud hosting for web application to implement small-scale CI/CD.

DevOps Workshop Leader | Technology Management Society | 2021
· Aided students struggling with programming concepts in an operations environment.
· Taught importance and usage of several DevOps-focused tooling from Docker to Git.

Docker + Flask | March 2021
· Developed a simple Flask API to handle URI requests for functions such as posting a message in Slack.
· Containerized the application using Docker and used port mapping to access the application on localhost.
· Connected the Flask Application to a Redis database, and connected the two containers using Docker Compose.
· Composed application on an AWS EC2 instance to demonstrate and understand public availability.

RELEVANT COURSEWORK

Unix System Administration | Texas A&M University | 2021

DevOps and the Modern IT Team | Texas A&M University | 2021

Structured Programming in C | Texas A&M University | 2020

Programming in Python & Java | Texas A&M University | 2019

INVOLVEMENT

Digital Media, Service and Recruitment | Texas A&M University | Chi Psi Beta Service Fraternity Inc. | October 2018 - Present
· Created over 20 multimedia presentations to display philanthropic, social and organization events.
· Involved in raising over $60,000 for various causes including disaster relief, mental health awareness, and disadvantaged schools.
· Recruited new members and grew organization by 60%.