JOHN DOE

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SUMMARY

Results-driven Computer Science graduate with hands-on experience in full-stack development and research. Proficient in building scalable web applications using modern frameworks including React, Flask, and FastAPI. Experienced in cloud technologies and containerization with multiple industry certifications. Demonstrated ability to deliver production-ready solutions and contribute to research projects while maintaining technical infrastructure across campus environments.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib

EXPERIENCE

Undergraduate Research Assistant   June 2020 – Present
Texas A&M University   *College Station, TX*

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a classroom setting

Information Technology Support Specialist   Sep. 2018 – Present
Southwestern University   *Georgetown, TX*

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

Artificial Intelligence Research Assistant   May 2019 – July 2019
Southwestern University   *Georgetown, TX*

- Explored methods to generate video game dungeons based off of *The Legend of Zelda*
- Developed a game in Java to test the generated dungeons
- Contributed 50K+ lines of code to an established codebase via Git
- Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
- Wrote an 8-page paper and gave multiple presentations on-campus
- Presented virtually to the World Conference on Computational Intelligence

EDUCATION

Southwestern University   Georgetown, TX
Bachelor of Arts in Computer Science, Minor in Business   *Aug. 2018 – May 2021*
Blinn College   Bryan, TX
Associate's in Liberal Arts   *Aug. 2014 – May 2018*

PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*   June 2020 – Present

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git*   May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

CERTIFICATIONS

AWS Certified Solutions Architect – Associate   Jan 2024

Google Cloud Professional Data Engineer   June 2023

Certified Kubernetes Administrator (CKA)   March 2023