Processed Resume

Contact Information

Name:	Jake Ryan
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Phone:	123-456-7890
Location:	Georgetown, TX

Social Links

Linkedin:	linkedin.com/in/jake
Github:	github.com/jake

Summary

Enthusiastic computer science graduate with a strong background in software development, research, and IT support. Passionate about problem-solving, full-stack development, and collaborative work environments.

Skills

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

Work Experience

Undergraduate Research Assistant at **Texas A&M; University**

June 2020 - Present

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 at **Southwestern University**

Sep. 2018 - Present

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 at **Southwestern University**

May 2019 - July 2019

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

Bachelor of Arts in Computer Science, Minor in Business - **Southwestern University**

Aug. 2018 - ■■■ 2021

GPA/Percentage: 3.75 / 4.0

Associate's in Liberal Arts - **Blinn College**

Aug. 2014 - May 2018

Projects

Gitlytics

Developed a full-stack web application using 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

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

• Google IT Support Professional Certificate: Coursera

• AWS Certified Cloud Practitioner: Amazon Web Services

• Certified Python Programmer: Dummy Institute

Achievements

• Awarded Undergraduate Research Grant by Texas A&M; University

• Placed Top 10 in XYZ Hackathon 2020

• Published paper in Conference on Computational Intelligence

Other Information

Hobbies: Game development, retro game collecting, competitive coding, hiking, and readi

Languages: English (Fluent), Spanish (Intermediate), Japanese (Basic)