Jake Ryan

123-456-7890 | jake@su.edu | linkedin | github

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*

EXPERIENCE

Undergraduate Research Assistant   June 2020 — Present
Texas A&M University   *College Station, TX*
- Developed a REST API using FastAPI and PostgreSQL
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker
- 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
- Assess and troubleshoot computer problems
- Maintain upkeep of computers 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 technique is enjoyable
- Wrote an 8-page paper and gave multiple presentations
- Presented virtually to the World Conference on Computational Intelligence

PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*   June 2020 — Present
- Developed a full-stack web application with Flask REST API and React frontend
- Implemented GitHub OAuth to get data from 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
- Published plugin gaining 2K+ downloads and 4.5/5-star average review
- Implemented continuous delivery using TravisCI
- Collaborated with administrators on features and feedback

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