

Vy Phan

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EDUCATION

The University of Texas at Austin

Bachelor of Science in Computer Science

Certificate in Applied Statistical Modeling

Austin, TX

Spring 2020

QUALIFICATIONS

Languages: Java, Python, Bash, SQL, TypeScript, JavaScript, HTML/CSS, R,

Technologies Used: Linux OS, Jira, AWS EC2, AWS S3, Windows OS

Certifications: Adults and Paediatric First Aid/CPR/AED Certified by Red Cross

Spoken Languages: Elementary Vietnamese, Elementary Mandarin

PROFESSIONAL EXPERIENCE

Cerner – Kansas City, Missouri

August 2020 – Present

System Engineer

- Delivered technology leadership and direction encompassing system, server, and application implementation, support, and monitoring.
- Reduced redundant alarms on low storage via Zabbix (2 email alerts on 25% and 10% free space) cutting down 75% of redundant alarms.
- Saved Engineers 3+ hours of weekly manual work by scripting port testing in Bash to check 1000 ports and provide more verbose output.
- Maintained servers at 100% integrity and availability by leading weekly server investigations to stay abreast of recurring Chef Health issues.
- Introduced robust solutions for hundreds of vulnerabilities within Federal clients' Linux and Windows servers through root cause analysis.
- Bootstrapped Windows and Linux hosts with Chef to avoid repetitive server building.

Samsung Austin Semiconductor – Austin, TX

June 2019 – August 2019

Software Engineer Intern

- Automated emailing service containing weekly project reports generated from JIRA's API and existing in-house project tracking platform.
- Developed a website utilizing Angular, ASP.NET MVC, and TypeScript for end-users to subscribe and/or unsubscribe to weekly reports.
- Successfully initiated and presented proofs-of-concept (POC) for moving Samsung's in-house solutions to Atlassian Suite software solutions.
- Assumed a leadership role assisting 2 interns by guiding them through the company's processes and technologies needed for their projects.

PROJECTS

PhoneVideoDoctor

- Utilized React, Google App Engine and Twilio video API to create a platform for telemedicine in MedHacks 2020.
- Led a team of varying disciplines to bring forth solutions to tech-illiterate patients to issues such as language barriers.

Danger Zone

- Gathered RESTful API to populate the website with stats and visualizations on general populace in each city on crime and health.
- Developed majority of the front-end using React and TypeScript.
- Established infrastructure for back-end API and Database with Docker, AWS RDS (PostGres) and AWS EBS.

Apex Stats Tracker

- Created website frontend with flask and connected backend with Apex Legends API.
- Implemented CD by hosting JenkinsX on Azure Kubernetes to automate stable website updates.
- Participated in the open-source community by posting results to ongoing threads with similar issues.

MISCELLANEOUS

Houston Livestock Rodeo Mentor

January 2021 – May 2021