Andre LaFleur

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EDUCATION

UNIVERSITY OF UTAH
BS in Computer Science
Fall 2018

LINKS

Github: **cincospenguinos**
Blog: **cincospenguinos**

COURSEWORK

GRADUATE
Information Extraction
Advanced Algorithms
Data Visualization for Data Science
Computer Organization

UNDERGRADUATE
Parallel Programming
Natural Language Processing
Information Extraction
Machine Learning
Computer Security
Web Software Architecture
Android Development

SKILLS

LANGUAGES
Java • JavaScript • Ruby •
Python • LaTeX • C/C++ • Elixr •
CSS • Golang

TOOLS & FRAMEWORKS
Git • Rails • MySQL •
PostgreSQL • Linux • Docker •
Docker Compose • Android • AWS •
Heroku • React • Phoenix

PROCESSES & PRACTICES
Scrum • Extreme Programming •
Test-Driven Development •
Domain-Driven Design

EXPERIENCE

TECHCYTE | Software Engineer
Mar 2021 - | Salt Lake City, UT
- Create and maintain internal library interfacing with a plethora of image formats for a variety of services of the Techcyte product suite
- Integrate internal library into application code into a variety of microservices through docker
- Track down and resolve memory issues between Golang application code and C/C++ libraries
- Help design and assist training team members on effective use of design patterns and test-driven development practices

JUST KEEP WRITING! LLC | CTO and Owner
August 2020 - July 2022 | Salt Lake City, UT

- Collaborated with business partner to design, create, and maintain a web-app to fill a hole in the market
- Integrated with CircleCI and Heroku to continuously integrate changes and deploy them to production
- Cooperated with a business partner to write user stories, point them, and ensure their timely completion
- Employed the values, principles, and practices of Extreme Programming throughout the development and continued maintenance of the app

MAVENLINK | Software Engineer
Jan 2019 - Mar 2021 | Salt Lake City, UT

- Incepted, implemented, and supported the Custom Forms project, wherein users are able to design and deploy their own custom forms and UI features within the application
- Support ongoing internal and external feature work by creating and maintaining a public design system
- Developed Single Sign On (SSO) integration with Salesforce using OpenID Connect protocol, leveraging and contributing to open-source projects in the process (OpenID and OpenID Connect gems)
- Incepted, designed, implemented, and supported modal in React to acquire and filter data on the backend with GraphQL

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | Software Engineering Intern
May 2018 - August 2018 | Salt Lake City, UT

- Fixed longstanding bugs in old code base
- Performed analysis to estimate work required for new features in existing application
- Created new on-boarding documentation and improved upon existing documentation for various projects
- Design and implement web service using Spring and a new version of an internal framework, LDS Stack