Arthur Lafrance

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Curious and driven undergraduate student seeking opportunities to gain valuable software engineering knowledge and industry experience using full-stack web and mobile app development skills.

Experience

iOS Developer, ZotTrail, November 2019 - present

- Contribute to ZotTrail, a UCI all-in-one application, as a member of the iOS development team to facilitate campus information integration and develop new features such as campus maps and housing information. Use Swift protocol buffers to interact with internal gRPC server, and design and implement models, views, and controllers using Swift and UIKit.

Freelance Software Developer, eXo, August 2019 - present

- Develop software on a freelance basis, allowing users to start tech consulting projects & track their progress. Core REST API written with Django and PostgreSQL. Used React to create frontend web app. Currently developing companion iOS app using Swift and core API.

Projects

Trivia Trek

- Built Swift-based iOS trivia board game for the FBLA Mobile App Development competition, where users answer trivia questions to progress along the game board as fast as possible. I managed Firebase and backend integration, and contributed to frontend and game mechanics.

Hapaya

- Currently developing a web application for online meal-planning startup Hapaya. Core features include auto-generated meal/shopping calendars and group calendar sharing. Writing backend API using Ruby on Rails and SQLite, and frontend web app using Vue.js and Node.js.

Awards and Honors

- 2nd Place, Mobile App Development, California FBLA State Conference - April 2019
- Top 15 Finalist, Mobile App Development, FBLA National Conference - June 2019

Skills

General

- Python
- SQL
- Java
- Bash/Terminal
- Git
- Google Cloud

Web

- HTML/CSS
- JavaScript
- Django
- React
- REST
- gRPC

iOS

- Swift
- Objective-C
- Xcode

Education

University of California, Irvine

- B.S. in Computer Science - expected graduation 2022