Arthur Lafrance

Cupertino, CA | lafrancearthur@gmail.com | (408) 896-5270
http://www.arthurlafrance.com

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

Experience

Software Developer, UCI Student Center & Event Services, February 2020 - present
- Develop several widely-used iOS apps as both a backend and frontend developer, tasked with both continued app maintenance and implementation of major new features. Use Python to define Chalice API endpoints, Swift to implement app frontend and local backend code, and SQL to interact with the appropriate app-specific AWS-hosted MySQL database.

iOS Developer, ZotTrail, November 2019 - present
- Contribute to ZotTrail, a UCI all-in-one application, working to improve current app and develop new features such as housing integration. Use Swift protocol buffers to interact with internal gRPC service and design and implement models, views, and controllers using Swift and UIKit.

Freelance Software Developer, Overdecorative, August 2019 - January 2020
- Developed web app for freelance artist Overdecorative, allowing clients to commission art projects and monitor their progression to completion. Core REST API written with Django and PostgreSQL; used React to create frontend web application.

Projects

Tapestry
- Created a web-based code visualization tool at HackUCI 2020 using Python (Django) and HTML/CSS. App executes an inputted Python script and generates/renders a diagram illustrating the variables and values (linked by references) within the script's namespace after execution.

Awards and Honors

- UC Irvine Dean's Honor List, Fall Quarter 2019
- Best Entrepreneurial Hack (Tapestry), HackUCI, February 2020
- 1517 Fund Grant Award Recipient, February 2020

Skills

General		Web		iOS
● Python	● Bash/Terminal	● HTML/CSS	● React	● Swift
● SQL	● Git	● JavaScript	● REST	● Objective-C
● Java	● AWS	● Django	● gRPC	● Xcode

Education

University of California, Irvine, 2019 - 2022 (expected)
- B.S. in Computer Science, cumulative GPA - 3.93
- Relevant Coursework: Advanced Python & Java, Software Engineering, Calculus, Statistics, Discrete Mathematics