

## Arthur Lafrance

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Curious and driven student seeking opportunities to gain valuable knowledge and experience in software engineering using web and mobile app development skills.

## Experience

Code Coach, The Coder School, October 2019 - present

- Guide young students through projects in a small group setting to teach programming concepts ranging from coding fundamentals to web/mobile application development. Personally develop individual curriculum from flexible library of material to suit each student's personal needs.

Software Infrastructure Developer, eXo, September 2019 - present

- Individually develop apps for tech consulting startup eXo, allowing users to start new consulting projects & track the progress of existing ones. Core backend API written with Django and PostgreSQL. Used React to create frontend web app. Currently developing companion iOS app using Swift and other appropriate frameworks and technologies.

## Projects

Trivia Trek

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

Hapaya

- Currently developing a web application for meal-planning Internet startup Hapaya. Core features include auto-generated meal/shopping calendars and group calendar sharing. Currently 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

### Web

- HTML/CSS
- JavaScript
- Django
- React

### iOS

- Node.js
- Ruby on Rails
- Vue.js
- Redux
- Swift
- Objective-C
- SpriteKit

## Education

University of California, Irvine

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