

## Arthur Lafrance

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

## Experience

Incoming Software Engineering Intern, Centric Software beginning June 2020

- Slated to intern with Centric Software's mobile development team, contributing to Centric's suite of product lifecycle management (PLM) mobile applications.
- Selected based on a strong familiarity with both mobile app development (especially Swift & Objective-C) and general computer science skills.

Co-Founder & CEO, Tapestry February 2020 - present

- Lead initial development of the code visualization system on a full-stack basis, architecting frontend and backend and developing the system using Python, Django, SQL, and HTML/CSS/JavaScript.
- Oversee the founding and initial growth of the company from initial idea to functional startup

Software Developer, UCI Student Center & Event Services February 2020 - present

- Develop and maintain award-winning, widely-used UCI campus iOS apps in an Agile environment.
- Use Python & SQL to interact with app-specific MySQL databases through AWS Lambda APIs.
- Use Swift to write full-stack app frontend and local backend code using the backend API.

Freelance Software Developer, Overdecorative August 2019 - January 2020

- Developed a web app for freelance art studio Overdecorative allowing clients to commission art projects and monitor their progression to completion.
- Created web server using Python/Django & SQLite and frontend using HTML/CSS/JavaScript.

## Awards and Honors

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

## Skills

General		Web		iOS
• Python	• Git	• HTML/CSS	• React	• Swift
• SQL	• AWS	• JavaScript	• REST	• Objective-C
• Java	• Firebase	• Django		• Xcode
• C++	• Linux Shell			

## Education

University of California, Irvine 2019 - 2023 (expected)

- B.S. in Computer Science
- Relevant Coursework: Advanced Python/Java/C++; Software Engineering; Calculus; Discrete Mathematics; Probability & Statistics; Linear Algebra