

## EDUCATION

### Bachelor of Science in Computer Science

University of California, Irvine  
GPA 3.55

June 2019

## TECHNICAL EXPERIENCE

### Undergraduate Researcher

UCI Donald Bren School of Information and Computer Sciences

April 2019 - Current

- Build and design front-end of the research product using HTML, CSS, Bootstrap and JS.
- Implement back-end logic (such as routing, handling client requests, connecting to the database) with Node.js.
- Integrate information from AWS RDS (PostgreSQL) and build user views.
- Set up server, deploy & test code to AWS.

### Software Developer Intern

Axxera Inc, Irvine, CA

October 2018 – June 2019

- Revamp UI and application interface for a mobile application and web portals.
- Develop a web portal from the design prototypes.
  - Implemented RESTful API using Node.js with integration to MS SQL database.
  - Build front end pages using Ejs, Javascript, and CSS. Utilized Chart.js to visualize data.

## PROJECTS

### KnoCap - Voice Notes Web App, Alexa Integrated

A voice notes web application that is specifically intended to be used meetings. Allow users to capture conversation that occurred within the past 60 sec, 30 sec, or to record ongoing conversation. Users can then view the recorded clips along with transcriptions from the website. Application can be paired with Alexa to enable users to use Echo buttons to record. Collaboration project with UCI research team. Involved in developing the brand, UI, and front-end; creating quality mockups and prototypes; and understanding back-end technologies. Team of 6 project.

*Node.js, Express, EJS, PostgreSQL, CSS, Bootstrap*

### Fabflix - Fullstack Web Development

A movie database web application. Implemented functionalities such as login, browsing, searching, sorting, and purchasing (shopping cart with checkout). Developed APIs using Java servlets and front-end with HTML, CSS, and JS. Built a separate login for Administrator that allows adding actors and movies, and viewing database metadata. Deployed code to AWS. Increased scalability with load balancing. Team of 2 project.

*Apache Tomcat, MySQL, Java, Javascript, HTML, CSS, Bootstrap, AWS, Android*

### Personal Website - [claudiamastan.github.io](https://claudiamastan.github.io)

*HTML, CSS, Javascript*

## SKILLS

<b>Technical</b>	<b>Proficient:</b>	JavaScript, Node.js, SQL, HTML, CSS, Bootstrap, Adobe Creative Suites (Photoshop, InDesign, Illustrator, After Effects), Figma, GitHub.
	<b>Familiar:</b>	Python, Java, React, SASS, Flask, C++, C.
<b>Language</b>		English, Indonesian

## RELEVANT COURSES

- Data Structure Implementation & Analysis (C++)
- Object Oriented Programming in Python
- Object Oriented Programing; Advanced Data Structures & Algorithms in Java
- Database Management (MySQL)
- System Design (C, Linux CLI, Vim)
- Advanced Computer Networks (Wireshark, GNS3, CLI)
- Machine Learning and Data-Mining
- Design and Analysis of Algorithms
- Computer and Network Security

## ADDITIONAL EXPERIENCE

### Technical & Operations Intern

TAGSI, Sunnyvale, CA

July 2016-August 2016

- Assisted with technical, operations, and marketing for child and senior citizen ride share company.
- Tested administrative console and driver/parent apps including documenting bugs and necessary future improvements, resulted in increased usability and performance of the apps and console.
- Managed driver acquisition and onboarding.
- Conducted marketing for driver recruitment and successfully attracted new driver applicants.

### Marketing Assistant

UCI Center for Student Wellness and Health Promotion (CSWHP), Irvine, CA

November 2017 – September 2018

- Maintained and updated CSWHP website regularly.
- Created marketing and promotional materials for CSWHP events to increase community engagement.
- Provided support to professional staff in their marketing efforts within the UCI community.

### Graphic Designer

Foothill College, Los Altos, CA

February 2016 - June 2017

- Provided designing, retouching, and printing services to students, faculties, and departments.
- Worked closely with Foothill's Marketing department to develop print and digital layouts.
- Design jobs include creating visual concepts, flyers, booklets, posters for marketing or other purposes.
- Maintained computer, printer/scanner and other hardware used in design production.