

# Jenny Diep

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## Education

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**University of California, Irvine**

(June 2021)

Irvine, CA

Bachelor of Science, Computer Science

GPA: 3.52

## Skills

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**Programming Languages:** Python, C, Java, Javascript, HTML, CSS, MySQL, C++.

**Frameworks:** Ionic, Angular, Bootstrap.

**Technologies:** Linux, Vim, Eclipse, Git, IntelliJ.

## Projects

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**ZotSearch:** *Search engine for finding information related to CS within UCI domains* (2021)

- Built a search engine written in Python from the ground up that is capable of indexing fifty thousand documents under an hour
- Optimized search response time under 300ms
- Utilized tf-idf to provide quality results ranked from decreasing relevance

**HouseMe:** *Housing/roommate finder app targeted towards college students* (2021)

- Led a team of 5 developers to build a social media web app, with a focus in user friendly design, designed to help college students find roommates/housing
- Implemented frontend using Ionic with Angular from high fidelity figmas created by another team member
- Collected data from user evaluations to find flaws in the app flow to improve user interactions on the app

**MKTracker:** *Website for tracking group buy dates for mechanical keyboards* (2020)

- Built a user friendly app utilizing Ionic with Angular designed to be responsive on all platforms
- Presents information when group buys start and end along with price and vendor data

**Zotflix:** *E-commerce web application for browsing and buying movies* (2020)

- Built Java webapp that supports, captcha, user logins, autocomplete/substring searching, along with stub checkout page
- Utilized java servlets from apache tomcat for backend along with MySQL as database

**Micromouse:** *Autonomous Maze Solving Robot* (2018)

- Programmer/Designer in a team project to build an autonomous robot that solves mazes
- Gained experience with PCB design and etched a PCB by hand to produce faster prototypes and speed up production
- Mentored beginners the basics of circuit design and C programming