

# Jihua (Margaret) Huang

I'm a Junior Software Engineer with a passion to apply my professional knowledge in problem solving and team cooperating. A detail-orientated person, making things as perfect as possible motivates me to do things better and better. I'm ready to contribute my skills at high levels of complexity for a dynamic and stable workplace.

## SKILLS

- Proficiency with HTML, CSS, Bootstrap, Materialize, JavaScript, jQuery, Node.js, Express.js, React.js, Python, Django, SQL, MongoDB, Postgres, C++
- Strong problem-solving skills
- Ability to design and build a website
- Great team player, excellent communication skills, Time Management, Detail-oriented
- Willing to learn new skills
- Fluent in spoken and written Mandarin

## PROJECTS

### Astronomy App:

- Full stack individual project, developed using Node/Express and Postgres. Allows users to view and store their favorite astronomy pictures of the day from NASA APOD API.

### Affirmation App:

- Full stack collaborative project, developed using React and MongoDB in a team of 3. Allows Users to create an account, save quotes to their profile by liking, and submitting quotes of their own. Users will have access to the crisis prevention hotline and find professional help in their area, as well as have access to chat with other users for more personal advice.
  - My contributions: Creating Models, Implementing full CRUD functionality

### Off the Shelf:

- Full stack collaborative project, developed using Django and Postgres in a team of 4. Allows Users to create an account, search for books, and receive information on similar books, ratings, reviews, purchase links and film base of the book if any. Users can also save books to their wishlist and leave comments under each book.
  - My contributions: Creating Models, Implementing two third-party api's(Goodreads, Omdb), Converting XML data to JSON, Implementing full CRUD functionality

## EDUCATION

<b>Bachelor of Science, Computer Science   University of California, Davis</b>	<b>2017 – 2019</b>
<b>Associate of Science, Computer Science &amp; Mathematics   City College of San Francisco</b>	<b>2014 – 2017</b>

## EXPERIENCE

<b>Software Engineering Fellow   General Assembly Software Engineering Immersive</b>	<b>Jul 2020 – Oct 2020</b>
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- Participated in a full-time immersive Software Engineering course, completing in-class projects, hackathons, and personal projects focused on real-world applications of data science principles and best practices.
- Developed a portfolio of individually and collaboratively focused in-class projects, including aboves.

<b>Help with Family Investment</b>	<b>Jun 2019 – Jul 2020</b>
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<b>Computer Lab Assistant   Academic Computing Resource Center   City College of San Francisco</b>	<b>Mar 2015 – May 2017</b>
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- Tutored college students with C++ and Microsoft applications. Improved some students' scores for 15%.
- Maintained lab equipment, provided technical support, and monitored the printing inventory.