

# SHUANG ZHOU

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## EDUCATION

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### University of California, Riverside

*Bachelor of Science in Computer Science*

September 2019 – September 2021

### College of San Mateo

*Associate's Degree in Mathematics*

July 2016 - May 2019

## EXPERIENCE

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### IQHI.Inc

*Frontend developer*

June 2020 - present

- Main Frontend developer of the company's core product named Intellibatt Analytic.
- Construct the landing page of the company's official website.
- Amount of Investors increase 17% by demoing the website and the product.

### University of California, Riverside

*Computer Science Courses Grader*

September 2020 - May 2021

- Work with Professor. Reem Ali. Grade assignments such as 10 Lab assignments, 5 In-Class exercises, and 2 Exams.
- Hold 2 weekly office hours during the quarter. Mainly instruct students to conduct scrum meetings, find potential solutions for the assignments.

### Shanghai Droi Technology Co., Ltd.

*Software Engineer Intern*

July 2019 - August 2019

- Learn and implement various aspects, such as constructing both IOS, Android applications, and Backend framework flask
- Help implementing an user friendly app by using React Native.

## PROJECTS

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### R'Finder | Python, Django, React, NextJS, PostgreSQL

- A web application that builds connections between faculty members and students for potential researches and jobs.
- Use server side rendering framework NextJS to construct the Frontend Web App.
- Construct Backend server and REST API using PostgreSQL and Django.

### UniSearch | Python, Elastic-Search, JavaScript, CSS, HTML

- A Search Engine Project that retrieves information from various universities' web pages.
- Build a website that displays the retrieved information by keyword searching and route to the corresponding website.
- Follow Information Retrieval methods with self-build crawler, parser. Use ElasticSearch to build index for crawled pages.

### Intellibatt Analytic | Closed Source

- Core product and solution by IQHI Inc.

### CovidTracker | JavaScript, HTML, CSS, React, NextJS, Material-UI, ExpressJS

- A website that displays confirmed cases, death toll in the year 2020.
- Provide visualizations features for users base on different factors.
- Develop Frontend and Backend by using server side render framework NextJs, Material-UI, and ExpressJS respectively.

### RShell | C++

- A functioning basic bash-like Shell.
- Utilize extensive knowledge of CS Design pattern such as Composite pattern, Factory pattern, etc.
- Interfere Agile during the process of software development.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML, CSS

**Frameworks:** React, Node.js, Material-UI

**Developer Tools:** Git, Visual Studio Code, Jupyter Notebook, Visual Studio