

# BRUCE LEE

bsl782.github.io

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## EDUCATION:

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### University of California, Irvine

June 2020

- Bachelor of Science in Computer Science

## EXPERIENCE:

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### IT Help Desk Technician

December 2016 - March 2017

Victor Valley College, Victorville, CA

- Responded to 100+ help desk tickets regarding software and hardware issues.

## PROJECTS:

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### Distributed Edge Programming Algo Trading

March 2020 – Present

Python, Flask

- Developed a basic implementation of an algorithm that auto trades in the stock market.
- Distributed workload and machine learning computing power amongst smaller edge devices that offload computational power on the cloud.
- Developed a backend routing gateway to allow the cloud server to interact directly with the Raspberry Pi's.

### On The House (<https://onthehouse-190cb.firebaseio.com/>)

September 2019 – January 2020

MongoDB, Express, React, NodeJs, Javascript, HTML, CSS

- Integrated the Sendgrid API to send emails to users who want to register and verify their accounts with our service.
- Implemented a login system that is checked by form validation and communicates with the backend that encrypts the user's passwords.
- Created a post board that dynamically displays all posts and content.
- Created a post interface that dynamically displays post data per click on the post board.

### Fabflix 2.0

March 2019 – July 2019

Java, MySQL, Javascript, HTML, CSS

- Browse and search through thousands of movies with the ability to add to a cart, rate movies, checkout using PayPal, and view previous order history.
- Implemented multi-threading in the API gateway to handle multiple requests.
- Implemented a login system that encrypted passwords using salting and hashing methods and stored them in a database.

## LEADERSHIP:

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### Student Athlete

August 2017 – June 2020

UC Irvine Men's Crew

- Managed time effectively while traveling for regattas, attending practice and going to classes.
- Effectively mentored novice team members and demonstrated perseverance, patience, and hard work.
- Committed 30 hours per week to training and executing leadership responsibilities for the team.

## SKILLS:

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- **Languages:** Python, Java, JavaScript, C++, SQL