

# BRIAN HUANG

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<https://www.linkedin.com/in/bryhuang9/> | <https://github.com/bryhuang9> | <https://brianhuang.dev>

## TECHNICAL SKILLS

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- Languages: C++ (Most Proficient), Python, JavaScript, HTML, CSS, C
- Tools & Technologies: Qt Framework, Django, Git, Microsoft Word, macOS, Windows, Linux

## EXPERIENCE & PROJECTS

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### Member | SlugCP

March 2022 - June 2023

*Club at UCSC*

C++ | Python

- Actively participated in weekly meetings, solving LeetCode-style problems to enhance problem-solving skills.
- Engaged in mock hackathons and interviews to improve technical and interview preparation.
- Collaborated with peers to develop challenging projects, gaining hands-on experience and enhancing teamwork abilities.

### Project | Personal Portfolio Website

*Project*

HTML & CSS | JavaScript

- Designed and developed a professional portfolio website using HTML, CSS, and JavaScript.
- Showcased personal information, projects, and skills to create a compelling online presence.
- Implemented responsive design principles and optimized website performance for a seamless user experience.

### Project | Supermarket Billing App

*Project*

C++

- Created a robust supermarket billing application using C++ to streamline retail operations.
- Integrated functionalities for product management, billing processes, and inventory tracking.
- Leveraged file handling capabilities to maintain accurate product information and transaction history.

### Project | Face Detector

*Project*

C++

- Developed a real-time face detection and FPS counter application utilizing the OpenCV library and C++, capable of processing live video feeds to identify human faces.
- Implemented deep learning methodologies using a pre-trained Caffe-based Single Shot-Multibox Detector (SSD) model to perform the detection tasks, ensuring high accuracy and performance.

### Intern | Mayor's Youth Employment Education Program

June 2018 - May 2019

*Professionalism learning and work experience*

- Gained professionalism, work experience, and leadership skills in a professional office atmosphere.
- Assisted in research tasks, filing paperwork, and making phone calls, contributing to project completion.
- Supervised children at a middle school summer camp, ensuring a safe and enjoyable environment. Provided assistance in planning student activities and creating engaging experiences.

## EDUCATION

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University of California, Santa Cruz - Bachelors of Science, Computer Science, GPA 3.91, Dean's Honors List	2021-2023
University of California, Davis - Transferred from UCSC   Bachelors of Science, Computer Science   Regents	2023-2025

## NOTABLE COURSES

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Data Structures and Algorithms, Object Oriented Programming, Discrete Math, Computer Systems