

Eric Huang

Software Engineer

Cell: 517-420-4630 | huanger@berkeley.edu | Berkeley, CA, 94720 | huanger2.github.io

Summary

Electrical Engineering / Computer Science and Data Science student at University of California, Berkeley
Proficiency in computer programming and data analysis. Advanced understanding of mathematics and information devices and systems. Proven ability to lead others, learn fast, and solve problems.

Education

Undergraduate | University of California Berkeley, Berkeley, CA

Double Major in Electrical Engineering and Computer Science and Data Science | GPA: 3.7/4.0

Senior by Credit: January 2023 | Expected Graduation Date: May 2025

- Completed coursework in Data Structures, Discrete Math, Designing Information Devices and System, Computer Organization and Design, Computer Security, and Artificial Intelligence
- Currently completing coursework in Data Science, Computer Databases, and Efficient Algorithms and Intractable Problems

Dual Enrollment | Michigan State University, East Lansing, MI

2019 – 2021 | GPA: 4.0/4.0

- Completed coursework including Multivariable Calculus, Linear Algebra, Differential Equations, Statistics, Organic Chemistry, and Physics.

Work Experience

Michigan State University

Research Intern | East Lansing, MI | May 2022 – August 2022

- Implemented computer vision code to detect human faces and bodies.
- Analyzed the human bounding box data from raw and field images and videos.
- Developed software to compare collected data against other sources.

Michigan State University

Research Intern | East Lansing, MI | May 2020 – August 2021

- Analyzed research involving blood fluid dynamics in the cardiovascular system.
- Extracted data from research papers and applied it in simulations.
- Utilized Paraview to analyze simulated cryoballoon ablation results in a heart model.

Panera Bread

Food Producer | Okemos, MI | August 2020 – August 2021

- Worked in a team environment at Panera Bread to provide the best possible service.
- Ability to work under pressure and uphold safety and health practices.

Skills and Expertise

- Fluent in SQL, Regex, Java, C, C++, Python, Golang
- Proficient in statistics, discrete math, calculus, circuits, and linear algebra
- Problem-solving and time-management skills
- Leading peers towards a common goal
- Strong team player