

Eric Huang

Double major in Electrical Engineering / Computer Science (B.Sc.) and Data Science (B.A.)

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Education

Bachelor's Degree | University of California Berkeley, Berkeley, CA

Double major in Electrical Engineering / Computer Science (B.Sc.) and Data Science (B.A.)

Minor in Statistics | GPA: 3.6/4.0 | Graduated May 2025

- Completed coursework in Data Structures, Computer Organization and Design, Game Theory, Operating Systems and System Programming, Discrete Mathematics and Probability Theory, Computer Security, Artificial Intelligence, Databases, Efficient Algorithms and Intractable Problems, Optimization Models in Engineering, Software Engineering, and Machine Learning

Work Experience

Software Engineer | Epic Systems | June 2025 - Present

- Built and maintained full-stack features for Epic's Tapestry - Medical Management application, supporting scalable and user-friendly workflows used by healthcare organizations nationwide
- Contributed with team members in end-to-end development by participating in design, resource planning, and rigorous comprehensive code reviews to ensure excellent product delivery
- Collaborated cross-functionally with multiple product teams, integrated applications, and customers to deliver and improve safe, intuitive, and high-quality healthcare software

Software Engineer | UC Berkeley | January 2025 - July 2025

- Designed and developed a full-stack software-as-a-service (SaaS) platform used by UC Berkeley students and staff to enhance and support academic and administrative workflows
- Partnered closely with professors, researchers, and students to gather requirements, iterate on UX, and translate user needs into production features and enhancements

Projects

Long Term Services and Support (LTSS) | Epic Systems

- Developed the LTSS service ordering workflow, enabling care managers to place detailed orders for recommended services and quantities based on member assessments.
- Automated the downstream creation of referrals and authorizations from submitted orders, streamlining the process from care manager assessment to service approval.

Caseload Balancing | Epic Systems

- Implemented an automated assignment system that reduced manual coordination by intelligently assigning care managers and case teams to episodes of care based on criteria and workload
- Developed tools to audit and report on the auto-assignment algorithm and rationale info

Flexextensions | UC Berkeley

- A full-stack platform that simplifies assignment extension management across UC Berkeley courses by automating requests, approvals, and notifications to third-party applications.
- Improves visibility, organization, and efficiency for both course staff and students by consolidating extension data into one accessible interface: <https://flexextensions.berkeley.edu/>

Skills and Expertise

- SQL, Regex, PostGres, Go, Java, C, C++, C#, Python, Ruby on Rails, Next.js, HTML5, XML, JavaScript, TypeScript, React, Node, Git, SVN, Docker, Linux, Unix, Visual Studio, CI/CD, UI/UX Design, AWS Database Design, System Design, API Development, Spec, Test Driven Development, DevOps, Agile, Scrum, MVC Development, R&D, Backend, Frontend, Data Models, Optimization, ML and AI Agents
- Time-management, User Feedback, Collaboration, Communication, Adaptation, Problem Solving