Eric Huang

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EDUCATION

Cornell University - College of Engineering   Aug 2020 - Dec 2023
B.S. Computer Science, Minor in Applied Economics   *Ithaca, NY*
- **GPA:** 3.82/4.0
- **Awards:** Engineering Dean's list x5, Cornell Hospitality Hackathon Winner, Congressional App Challenge Winner
- **Relevant Coursework:** Object Oriented Programming and Data Structures, Data Structures and Functional Programming, Discrete Structures, Computer Organization, Probability Models and Inference, Intro Analysis of Algorithms, Computer Vision, Embedded Systems, Operating Systems, Machine Learning, Solidity programming

EXPERIENCE

Uniswap Labs   Jun 2023 - Aug 2023
Software Engineering Intern   *New York, NY*
- Improved the mobile iOS app with React Native, Swift, and SwiftUI for the largest decentralized crypto exchange
- Independently developed and shipped the first suite of iOS widgets for our 200,000 active Uniswap wallet users
- Implemented widgets in Swift with no prior infrastructure from the team, setting up metrics, logging, and testing
- Collaborated with interns in hackathon to create Uniswap v4 self-backrunning hook, winning most technical hack

Google   Sep 2022 - Dec 2022
Software Engineering Intern   *New York, NY*
- Developed and designed video software features for two Google Meet hybrid development teams using JavaScript
- Collaborated with mentor to develop debugging dashboard, which declutters debugging with 4x fewer windows
- Created Python proxy server to bypass Cross-Origin headers, patching a security risk affecting over 50 teammates
- Resolved backend connection timer bug in Google Meet code, doubling the speed of frontend UI debugging
- Solved bugs and added features that affect over 100 million active Google Meet users and Google Meet hardware

Tanium   Jun 2022 - Aug 2022
Software Engineering Intern   *Remote*
- Overhauled products, CLI tools, and Service Tools for over 20 Tanium modules with an agile development team
- Created code health static analysis tool that identifies tech debt in code using React, Typescript, and Node.js
- Parallelized the code parsing tool with multithreading, speeding up static analysis from weeks to 8-10 minutes
- Increased the visibility of problems and bad design patterns in the codebase by implementing GitHub actions

Elphi   May 2021 - Aug 2021
Software Engineering Intern   *Boston, MA*
- Utilized React.js, Bootstrap, and Firebase to develop comprehensive admin UI for over 50 major lenders and banks
- Led team of 7 interns to spearhead development of intern hotkeys project to improve accessibility and efficiency

PROJECTS

CornellGO | *Flutter, Typescript, HTML, Nest.js*   Sep 2021 - Present
- Developed and designed CornellGO's web and mobile apps with the Cornell DTI Project Team in a team of 12
- Improved CornellGO's performance by migrating the entire code base from C++ to Flutter and Typescript
- Created the administrative frontend and backend for CornellGO using React, Typescript and Nest.js, and AWS
- Collaborated with designers and PMs to develop the CornellGO mobile app to be used for student orientation

Codenames Bot | *Python, OpenCV, gloVe, word2vec, Typescript*   Jan 2023 - June 2023
- Developed, implemented, and trained a NLP bot to play the board game Codenames to generate word associations
- Utilized OpenCV and Pytesseract to parse words, teams, and colors directly from a live game with a camera feed
- Leveraged the word2vec and gloVe algorithms to find synonymous words for each team while avoiding bomb words

Stabler Coin | *Solidity, Typescript, React*   May 2022 - Dec 2022
- Conceptualized a new over-stable coin on the Avalanche blockchain aimed to stabilize the Stable Coin ecosystem
- Deployed Solidity smart contract to mint ERC-20 token on Avalanche testnet for MetaMask-compatible app

TECHNICAL SKILLS/INTERESTS

Languages: Java, Python, Swift, C/C++, Solidity, HTML/CSS, Javascript, Typescript, Rust, Objective-C, Flutter
Libraries/Tools: Pandas, Nest.js, React/React Native, Node.js, GraphQL, Linux, Git, TensorFlow, Firebase, AWS