

# Ethan Chiu

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## EDUCATION

UC Berkeley, Berkeley, California

May 2022

Diablo Valley College, Pleasant Hill, CA

May 2018

Cumulative Weighted GPA: 3.774/4.0

- Past Semesters: Analytic Geometry/Calculus I, Freshman English: Comp/Read, Intro to Programming, Adv Programming with C & C++, Microeconomics, Critical Thinking: Shap Mean, Analytic Geometry/Calculus II, Mechanics & Wave Motion, Assembly Lang Prog., Linear Algebra, Analytic Geometry & Calculus III, Psychology Mod. Life

## EXPERIENCE

Researcher under the guidance of Eni Mustafaraj at **Wellesley College**, Wellesley, MA

September 2015 - May 2018

- Modelled anonymous platforms like the Discord platform using ML & AI techniques w/ Gephi, scikit-learn, and NTLK.
- Collected & analyzed millions of messages using Python and its' libraries such as Pandas, Selenium, Scrapy, and Matplotlib.
- Part of DAV Lab at Wellesley College, created [digital literacy Chrome Extension](#).
- Created [PythonBuddy](#), the first online live syntax checker with code execution. Used by hundreds

Founder & Captain at **Wellesley High School Cyberpatriot Team**, Wellesley, MA

September 2014 - September 2017

- Led team to *Top 5%* of national teams, programmed scripts using Batch and Bash that detected and eliminated vulnerabilities on Windows and Ubuntu systems. Completed the Cisco Networking Academy course, learning through Cisco Packet Tracer.

Software Development Intern at **Whose Your Landlord**, Philadelphia, PA

June 2016 - August 2016

- I created an internal analytics tool using Javascript and several new features using React.js with Ruby on Rails.

Community Mentor & Contributor at **DuckDuckGo**, Online

September 2015 - September 2016

- Approved and reviewed Git pull requests submitted as well as created "Python Cheat Sheet" functionality for repo.

Co Founder & Chief Executive Officer at **DrumSense LLC.**, Boston, MA

July 2015 - October 2015

- Programmed MVP using Fast Fourier Transform algorithms in Java. Presented this [pitch deck](#) to investors at MIT Launch.

Chief Engineer at **UScan Technologies, LLC**, Boston, MA

November 2014 -

December 2015

- Programmed our MEAN stack RFID inventory management system using Google Sheets API, Bootstrap, and ThinkMagic.
- Was [pitched](#) to investors at Catapult Boston Demo Day. Won "Best Pitch" and "Most Investible"

Teen Captain for Team Leadership Corps at **Cradles to Crayons**, Brighton, MA

February 2014 - June 2015

- Led 3 book drives, collecting over 1000 books for low-income children. Led clothing bins station at the Giving Factory.

Community TA at **Course 6.00.1x at MIT edX**, Online

September 2014 • November 2014

- Facilitated discussions on lectures and problem sets for over a 1000 students. Answered questions on Python concepts.

## AWARDS

- **3rd Place State Award & 2nd Place State Award** for Cyberpatriot (February 2017, February 2016)
- **Silver Tier** for United States Academic Computing Olympiad (December 2016)

## PROJECTS

[United Timeline](#) - Side Project (current)

- Completely client-side. Presents conservative, liberal, and moderate viewpoints across Twitter using jQuery & Javascript.

[Watch & Learn](#) - Hack the North 2016

- Allows ESL learners to learn English while watching YouTube. Used Javascript, jQuery, AJAX, and JSON.

## SKILLS

- Bash, Batch, C#, C++, Django, ES6, Flask, Git, Github, JSX, Java, Javascript, Linux/Unix, Node.js, PHP, Pandas, Python, REST, React, Ruby, Ruby on Rails, SOAP, SQL, Scraping, Scrapy, Selenium, scikit-learn, Shell, TCP/IP, UI/UX, Webpack, jQuery