

# Kevin Wu

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## Education

### Drexel University

Philadelphia, PA

B.S. AND M.S. IN COMPUTER SCIENCE | GPA: 3.53 / 4.00

Sept. 2018 – June 2023

- **Relevant coursework:** Data Structures, Math Foundations of Comp Sci, Web and Mobile App Development, Computer Programming I-II, Linear Algebra, Discrete Mathematics,

## Experience

### Susquehanna International Group, LLP

Bala Cynwyd, PA

SOFTWARE ENGINEER - EOT PRODUCTION ENGINEERING

Apr. 2020 – Sept. 2020

- Developed a Flask web app for managers to view and update 30 trader-lead hierarchies, saving DBAs hours of labor
- Developed a file listener as a fail-safe to extract over 30 types of market data to database
- Improved file parsing and RAM performance with buffers and raw byte reading for opening files larger than 5 gigabytes
- Refined readability and performance on websites by 2x with file delivery compression and UI changes
- Spearheaded 2 projects and collaborated with 2 teams / 7 members to effectively develop and quickly deploy code

### Drexel University

Philadelphia, PA

TECHNICAL ASSISTANT - CCI COMMONS HELPDESK

Jan. 2019 – Mar. 2020

- Developed a script to convert course schedule Excel sheets to CSVs for registering class livestreams per quarter
- Developed Selenium script to initialize over 200 course directory webpages and learning module systems per quarter, saving several man hours of tedious labor
- Spearheaded computer and telephone setups for 5-8 new faculty per quarter with university-wide IT staff
- Trained 3-5 new hires per quarter on information systems software and audio-visual presentation equipment as senior-level assistant

## Skills and Interests

**Programming** Python, Node.js, Selenium

**Web** Express, Flask, HTML/JS/CSS

**Databases** Oracle SQL, MariaDB, Firebase

**Interests** Full-Stack, Automation, Chess, Counter-Strike

**Foreign Languages** Conversational French, Conversational Mandarin

## Projects

**MCWebStart** | 📱 KEVINISMYNAME → PYTHON FLASK, PORT FORWARDING

2020

- Created a web app that allows my friends to remotely start my Minecraft server without my attention
- Developed GET endpoints to execute local server-side scripts via Python to start Java server executable
- Learned how to forward ports and accept internet connections as a global server

**Quorum** | 📱 KEVINISMYNAME → NODE.JS, MYSQL

2020

- Created a web app that tracks event attendance of student organizations with user profiles
- Developed server logic for handling user information and registering it in database
- Developed a majority of JS front-end work involving user sign-ups and logins and Node.js route handling to receive user data

**SimpliFi** | 📱 KW875 → NODE.JS, GOOGLE TESSERACT OCR, GOOGLE NLP CONTENT CLASSIFIER, REACTJS

2019

- Created a web app that scans receipt purchases via Tesseract OCR and visualizes purchase taxonomy by classifying purchases via NLP API
- Developed parsing of strings and assisted in JS promises with Tesseract OCR API from user-generated receipts

## Leadership

**Dean's Ambassador**, Drexel University

2019 – Present

**Marketing Director**, Society of Asian Scientists and Engineers - Drexel Chapter

2020 – Present

**Finance and Volunteering**, 2020 Global China Connection Global Summit

2020 – Present