

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, Software Architecture, Software Design, Systems Programming, Systems Architecture, Linear Algebra, Discrete Mathematics, Probability and Statistics

Experience

Susquehanna International Group, LLP

Bala Cynwyd, PA

SOFTWARE ENGINEER

Apr. 2020 – Sept. 2020

- Launched a web app for managers to view and update 30 trader-lead hierarchies, saving database administrators hours of labor
- Consolidated primary market data pipeline with backup file listener 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 compression and UI changes

Drexel University

Philadelphia, PA

SENIOR TECHNICAL ASSISTANT

Jan. 2019 – Mar. 2020

- Automated conversion of course schedule Excel sheets to CSVs for registering class livestreams per quarter with a one-click script, freeing up time for manager
- Implemented script to initialize over 200 course directory webpages and learning module systems per quarter, saving manager several hours of tedious labor
- Oversaw computer and telephone setups for 5-10 new faculty per quarter with university-wide IT staff
- Trained 5 new hires per quarter on our information systems software and audio-visual presentation equipment

Skills

Programming Python, Java, Node.js, Racket, C, Selenium

Web Technologies Express, Flask, HTML/JS/CSS

Databases Oracle SQL, MySQL, MariaDB, Firebase

CI/CD GitHub, Heroku, TeamCity, Octopus Deploy

Foreign Languages Conversational French, Conversational Mandarin

Projects

MCWebStart | 📷 KEVINISMYNAME → PYTHON FLASK, PORT FORWARDING

2020

- Basic web app that allows my friends to remotely start my Minecraft server without needing my input
- Executes a local .bat script through Python when a GET request is received at the start-server endpoint

Quorum | 📷 KEVINISMYNAME → NODE.JS, MYSQL

2020

- Web app prototype that tracks event attendance of student organizations with user profiles
- Parses a form and sends a POST request with JSONified data to the local server which registers a new user in MySQL as a row

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

2019

- Web app that scans receipt purchases via Tesseract OCR API; visualizes purchase taxonomy by classifying purchases via NLP API
- Assisted in parsing of strings and 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 & Volunteering, 2020 Global China Connection Global Summit

2020 – Present