

Kevin Wu

COMPUTER SCIENCE · DREXEL UNIVERSITY · PHILADELPHIA, PA

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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:** Systems Architecture, Software Design, Data Structures and Algorithms I, Mathematical Foundations of Computer Science, Web and Mobile App Development, Linear Algebra, Discrete Mathematics

Experience

Susquehanna International Group, LLP

Bala Cynwyd, PA

SOFTWARE ENGINEER - EOT PRODUCTION ENGINEERING

Apr. 2020 – Sept. 2020

- Developed a Python 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 with file delivery compression and UI changes
- Spearheaded 2 projects and collaborated with 7 members across 2 teams to effectively develop and quickly deploy code

Drexel University

Philadelphia, PA

TECHNICAL ASSISTANT - CCI COMMONS HELPDESK

Jan. 2019 – Mar. 2020

- Developed a Python script to convert course schedule Excel sheets to CSVs for registering class livestreams per quarter
- Developed a Selenium script to initialize over 200 course directory webpages and learning module systems per quarter
- 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

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|-----------------------|--|
| Programming | Python · Java · TypeScript · Go · Racket · C |
| Web Frameworks | PyFlask · Node Express · Vue · Ionic Angular |
| Databases | Firebase · MySQL · MariaDB · Oracle SQL |
| Media | Adobe Photoshop · Adobe Premiere Pro · Canva · L ^A T _E X |

Projects

CryptoSim | 📷 KEVINISMYNAME → VUE, GO/GIN, DOCKER/KUBERNETES

Nov. 2020 – Dec. 2020

- Developed a Vue Docker-containerized web app that simulates a proof-of-work blockchain
- Created web UI to hit backend API endpoints for generating new and regenerating block data

Attack on Checkers | 📷 KEVINISMYNAME → IONIC ANGULAR, FIREBASE

Nov. 2020 – Dec. 2020

- Developed a Firebase web app for players to play checkers themed after the Attack on Titan anime
- Styled the website UI with Ionic Angular and implemented Attack on Titan graphics

Quorum | 📷 KEVINISMYNAME → NODE.JS, MYSQL

Feb. 2020 – Mar. 2020

- Developed a web app that tracks event attendance of student organizations with user profiles
- Handled server logic for user information and registering it in database
- Engineered JS front-end logic involving user sign-ups and logins

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

Apr. 2019

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

Leadership

Dean's Ambassador, Drexel University

Sep. 2019 – Present

- Promoting CCI to and meeting with new students through recruiting events such as Open House

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

Aug. 2020 – Present

- Creating 7-10 event graphics per quarter with Canva and Photoshop, and advertising through Facebook and Instagram
- Outreaching to new students of College of Engineering and College of Computing & Informatics