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, freeing up database administrators
- 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 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 (HyperionCSV)
- Implemented script to initialize over 200 course directory webpages and learning module systems per quarter
- 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 3, Java, Racket, C, Selenium
Web Technologies	Node.js, Python Flask, HTML5, JavaScript (ES6), CSS3
Databases	Oracle SQL, MySQL, MariaDB, Firebase
CI/CD	GitHub, Heroku, TeamCity, Octopus Deploy
Foreign Languages	French, Mandarin Chinese

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*