

## Education

### Drexel University

Philadelphia, PA

#### B.S. AND M.S. COMPUTER SCIENCE

Sep. 2018 – June 2023

- **GPA:** 3.52 / 4.00
- **Relevant coursework:** Software Design, Developing User Interfaces, Web and Mobile App Development, Data Structures and Algorithms I, Programming Language Concepts

## Skills

<b>Languages</b>	Python · TypeScript · Java
<b>Technologies</b>	React.js · Vue.js · SQL · MS Azure · Docker
<b>Tools</b>	VS Code · IntelliJ · GitHub · Windows & Unix
<b>Soft Skills</b>	Working under pressure · Adaptability · Transparency · Collaborative

## Experience

### Bentley Systems

Philadelphia, PA

#### SOFTWARE ENGINEER CO-OP

Mar. 2021 – Present

- Automated tests of npm packages for test robustness via MS Azure pipeline caching
- Created a responsive dashboard for visualizing our global services and their respective statuses via React.js & Azure Functions
- Aggregated and visualized data & metrics for the team's quarterly reports via PowerBI

### Susquehanna International Group, LLP

Bala Cynwyd, PA

#### SOFTWARE ENGINEER CO-OP

Apr. 2020 – Sep. 2020

- Spearheaded 2 projects and collaborated with 7 members across 2 teams to effectively develop and deploy performant software
- Developed a Python Flask web app for team leads to manage 30 trader-lead hierarchies consistently, reducing labor
- Engineered a file listener as a fail-safe method to extract over 30 types of market data to databases via Python
- Improved file parsing and RAM performance with buffers & raw byte reading for opening files larger than 5 gigabytes

## Projects

### CryptoSim | 📧 KEVINISMYNAME → VUE.JS, GOLANG, KUBERNETES

Nov. 2020 – Dec. 2020

- Implemented a containerized web app that simulates a proof-of-work blockchain
- Designed the fast responsive web UI in Vue.js for generating new and regenerating block data

### SimpliFi | 📧 KW875 → REACT.JS, NODE.JS, OCR, NLP

Apr. 2019

- Built a web app that scans receipts via Tesseract OCR and visualizes purchase taxonomy by classifying purchases via NLP API
- Created frontend to handle Tesseract OCR responses from user-provided receipts

## Extracurriculars

### Drexel University College of Computing & Informatics (CCI)

Philadelphia, PA

#### DEAN'S AMBASSADOR

Sep. 2019 – Present

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

### Society of Asian Scientists and Engineers - Drexel Chapter

Philadelphia, PA

#### MARKETING DIRECTOR

Aug. 2020 – July 2021

- Created 7-10 event graphics per quarter via Canva and Photoshop, and advertising through Facebook and Instagram
- Coordinated outreach to new students of College of Engineering and College of Computing & Informatics