

## Education

### Drexel University

Philadelphia, PA

#### MASTER OF SCIENCE, COMPUTER SCIENCE

Sep. 2020 – June 2023

- **GPA:** 3.62 / 4.00
- **Relevant coursework:** Computer Networks, Programming Languages, Reqmts Engineering & Mgmts, Fundamentals of Databases, Deep Learning, Human-Computer Interaction, Developing User Interfaces, Data Structures/Algorithms I, Software Design

### Drexel University

Philadelphia, PA

#### BACHELOR OF SCIENCE, COMPUTER SCIENCE

Sep. 2018 – June 2023

- **GPA:** 3.54 / 4.00
- **Tracks:** Artificial Intelligence, Computer Graphics & Vision
- **Relevant coursework:** Graphical User Interfaces, Interactive Computer Graphics, Artificial Intelligence, Software Architecture I, Programing Language Concepts, Machine Learning, Computational Photography, Software Design, Data Structures, Systems Programming, Web and Mobile App Development

## Skills

<b>Languages</b>	Python · JavaScript · Java
<b>Technologies</b>	React.js · Vue.js · SQL · MS Azure · Docker · PyTorch3D
<b>Tools</b>	VS Code · IntelliJ · Git · Mercurial · Windows & UNIX

## Experience

### Meta Platforms, Inc.

Burlingame, CA

#### SOFTWARE ENGINEER INTERN

June 2022 – Sep. 2022

- Generated new bodies by applying classical machine learning techniques
- Analyzed and apply research ideas to generate realistic human bodies
- Rendered and presented visualizations of bodies with PyTorch3D and Blender
- Attached new heads and wrapped body meshes to different topologies

### Bentley Systems, Inc.

Philadelphia, PA

#### SOFTWARE ENGINEER CO-OP

Mar. 2021 – Sep. 2021

- 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
- Improved functionality of add/edit/create webhooks by extending Azure's CLI tool's functionality

### Susquehanna International Group, LLP

Bala Cynwyd, PA

#### SOFTWARE ENGINEER CO-OP

Apr. 2020 – Sep. 2020

- 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