

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

Graduated June 2023

- Accelerated degree program
- **GPA:** 3.53 / 4.00, *cum laude*
- **Concentrations:** AI & Machine Learning, Computer Graphics, Vision & Interaction
- **Relevant coursework:** Programming Languages, Fundamentals of Databases, Software Design, Graphical User Interfaces, Interactive Computer Graphics, Computer Graphics, Software Architecture I, Systems Architecture, Data Structures, Web and Mobile App Development

Skills

Languages	Python · JavaScript · Java · C
Technologies	Node.js · React.js · SQL · Docker · MS Azure
Tools	Git · Linux · VS Code · Windows & UNIX

Experience

Meta Platforms, Inc.

Burlingame, CA

SOFTWARE ENGINEER INTERN

June 2022 – Sep. 2022

- Generated new 3D textured digital humans by researching and applying classical machine learning techniques
- Presented multiple digital human sets from different PCA approaches in PyTorch3D and Blender
- Collaborated with Zurich team and reviewed digital humans's quality against Bluebody
- Wrap combinations of heads and bodies to different topologies with experimental R3DS software

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 for DBAs
- Engineered a backup utility as a fail-safe method to extract over 30 types of market data to MySQL databases
- Improved file parsing and RAM performance with buffers & raw byte reading for large files (5+ GB)

Projects

gm-bot | 📧 KEVINISMYNAME → NODE, SEQUELIZE, SQLITE, DISCORD.JS

Oct. 2023 – Present

- Create a Discord bot to track "good morning" streaks, similar to Snapchat streaks
- Migrate streaks from JSON format to Sequelize for faster streak stats
- Implement multi-server and multi-channel support, configurable with RegEx matchers for streak messages
- Improve user experience with commands, e.g. admin management, streak leaderboards, reviving streaks

Bard | 📧 KEVINISMYNAME → REACT NATIVE, JAVA SPRING BOOT, AWS

Sep. 2022 – June 2023

- Created a Dungeons & Dragons app for iOS, Android, and web
- Collaborated with 5 other student developers to design stakeholders' requirements
- Lead frontend efforts by creating design schemas, implementing linters, and reviewing MRs
- Devised and managed CI pipelines for all services to AWS (EC2, S3, Amplify, RDS)

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