

Neil Kanakia

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EDUCATION

Drexel University

Philadelphia, PA

Bachelor of Science in Software Engineering (GPA: 3.3)

June 2023

AJ Drexel Scholarship Recipient

Courses: Data Structures and Algorithms, Computer Networks, Databases, Software Architecture, Systems Programming, Programming Language Concepts, Software Architecture, Open Source Software Engineering

Courses taught as TA: Mathematical Foundations of Computer Science, Computing and Informatics Design

SKILLS

Languages: Typescript, Python, Java, C, Haskell, Scheme, Swift

Frameworks: React, React Native, Next.js, Angular, Spring, Django, Flask, NodeJS, Flutter, Expo

Developer Tools: Docker, Git, SQL, Prisma ORM

WORK EXPERIENCE

Full Stack Engineer & Co Founder

Starting June 2022-August 2022

RFQ Tiger

Philadelphia, PA

- Developed workflow software including a 3D file viewer, costing tool, and AI lead importer for custom part manufacturers
- Built using **Next.js**, **React**, **Typescript**, **OpenAI API**, **Cloudflare Workers**, and **Three.js**
- Implemented rate limiting using **Upstash**, feature flagging with **Growthbooks** and automated email sending with **Postmark**

Software Engineer Intern

Starting June 2022-August 2022

Charles Schwab

Dallas, TX

- Developed web pages to migrate from legacy application for stock plan services using **Angular**, **SCSS** and **Typescript**
- Deployed changes from production. **JIRA**, **Bamboo**, **Confluence**, **Invision**
- Automated web testing for external client facing website

Software Engineering Coop

April 2021 – September 2021

Drexel University

Philadelphia, PA

- Designed and enhanced applications in an back end web applications using **Java** and **Spring** Framework
- Improved and developed **REST APIs** for 4 applications
- Created specialized applications and micro services from the ground up
- Formulated data models deployed in **MySQL**

Software Engineering Coop

September 2019 – March 2020

Wharton School, University of Pennsylvania

Philadelphia, PA

- Leveraged **AWS Lambda** Instances to save over 50 hours of work/year for updating employee data
- Designed multiple web platforms responsible for tracking IPs and net addresses using **Python - Flask** frameworks
- Utilized Flask and Postman to develop a REST API responsible for monitoring data
- Employed tools such **Terraform**, **DynamoDB**, **S3 Bucket** and Cloud9

SELECTED PROJECTS AND AWARDS

\$25,000 Award for first Place at Drexel Startup Competition | (RFQ Tiger)

May 2023

- App web and mobile for custom component manufacturers to respond to RFQs and create quotations

Drowsy Dragons | Third Place at Dragon Hacks Drexel University IEEE Hackathon (Devpost)

April 2021

- Incorporated a Raspberry Pi Camera, Python, OpenCV, and Pillow library to detect drowsiness in drivers
- Created a real-time back-end website to monitor driving statistics and access Spotify API to alert the driver

Nest | Best Student Team Prize at Philly Codefest Hackathon (Devpost)

May 2019

- Implemented a web application to connect the homeless to shelters, soup kitchens and restrooms
- Designed using HTML, Javascript, NodeJS, Firebase and Python