

# Neil Kanakia

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## EDUCATION

### Drexel University

Philadelphia, PA

*Bachelor of Science in Software Engineering (GPA: 3.3)*

*Expected Graduation Spring 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

## TECHNICAL SKILLS

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

**Scripting:** HTML, CSS, Bash, Zsh, Latex

**Frameworks:** Angular, Spring, Django, Flask, NodeJS, Flutter

**Developer Tools:** Docker, Git, SQL Alchemy, PostgreSQL, My SQL, SQLite, Arch Linux, AWS, IntelliJ, PyCharm

## WORK EXPERIENCE

### (Afterquote)

December 2022 - Present

*Co-Founder, Developer*

*Philadelphia, PA*

- Developed web and mobile application using **Next.js**, **Typescript**
- SaaS Tool for Contractors and Small businesses to accept manage quotations, invoicing and payments

### Software Engineer Intern

Starting June 2022-August 2022

*Charles Schwab*

*Dallas, TX*

- Developed interactive client facing forms using **Angular** and **Typescript**
- Automated web testing for external client facing website
- Deployed changes from production. **JIRA**, **Bamboo**, **Confluence**, **Invision**

### 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 Microsoft SQL

### AWS/Software Developer 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, Amazon S3 Bucket and AWS Cloud9 in day to day operations

## SELECTED PROJECTS AND AWARDS

### 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