

# KHANH NGUYEN

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Education	New York University • GPA: 3.8, Major: Computer Science	08/2019 – 05/2022
Technical Skills	<b>Programming Language:</b> Java, Python, JavaScript, Haskell, C <b>Web:</b> HTML, CSS, Flask, React, SQL, Gradle, Tomcat Server	
Work Experience	Software Engineer Intern, <b>Orenda Inc</b> • Designed, and implemented an internal management tool to visualize electrical consumption in NYC • Built web scraper, data parser and microservices using Python, Flask and PostgreSQL • Contributed to dashboard written in React • Deployed backend and frontend on AWS	06/2020 – 08/2020
	Software Engineer Intern, <b>FPT Software</b> • Worked in a team of 15 for NSK Europe to maintain and add new features to the customers' inventory management system • Learned Tomcat Server, Java Enterprise and OracleDB to contribute to a large-scale web application	05/2019 – 08/2019
	Software Engineer Intern, <b>CNS Maryland</b> • Contributed to the <a href="#">Climate Change project</a> at Capital News Service • Prototyped a Twitter bot to analyze impacts of climate change on low-income communities in Baltimore • Used Python, NumPy, seaborn and OpenWeatherMap API to generate visualizations	01/2019 – 05/2019
Software Projects	Schedge ( <a href="https://github.com/JJ3m">git.io/JJu3m</a> ) • Contributed to Schedge, an open source API for NYU course data. • Built web scraper, data parser, and CLI • Contributed to the API using Java, Postgres and Javalin	09/2019 – Present
	BUGS website ( <a href="https://github.com/JJp1o">git.io/JJp1o</a> ) • Redesign website for BUGS club, which promoted open source on NYU campus • Implemented in React and styled-components • Deployed with Vercel at <a href="https://rb.gy/zbohhs">rb.gy/zbohhs</a>	08/2020 – Present
	Sentiment Analysis Project ( <a href="https://github.com/JJu3Z">git.io/JJu3Z</a> ) • Scraped and processed 18 MB of NYU subreddit data using Python, matplotlib, pandas and SQLite • Utilized machine-learning libraries to categorize 20,000 comments and 7,000 posts data into different content types and classify their sentiments • Observed an upward trend in the NYU subreddit with 60-70% positive contents • Deployed at <a href="https://github.com/JJp1M">git.io/JJp1M</a>	12/2019 – 01/2020