

## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Java, C/C++, HTML, CSS/SCSS, Git, Bash
- **Development Frameworks:** React/Redux, ExpressJS, Node.js, Flask, Django
- **Data Analysis and Visualization:** Pandas, NumPy, Plotly Dash, SciPy, Matplotlib, D3.js, Excel
- **Database Design and Development:** SQL, GraphQL, PostgreSQL, SQLite, Redis
- **Cloud Services:** AWS EC2, AWS S3, AWS RDS, Heroku, Docker, Kubernetes
- **Concepts:** JSON, OOP, RESTful API

## PROJECT EXPERIENCES

### Python Financial Investment Portfolio

**Tech Stack:** Python, Django Framework, SQLite, Pandas, Bootstrap4, Git, Dash Plotly

- Developed financial investment management application using Python Django and Alpaca Trade API to request
- select stock prices and submit orders
- Used Pandas for dataframes to manipulate and store tabular data and used Dash Plotly charts for data visualization

### Team Collaboration Project: Nibble Productivity

**Tech Stack:** ReactJS, Node.js, HTML, CSS, JavaScript, Express, Node.js, Tailwind CSS, Amazon RDS PostgreSQL, GitHub, Heroku Cloud Platform

- A productivity and task management tool built using ReactJS Framework frontend stack and Express, Node.js, and Amazon RDS PostgreSQL for backend stack.
- Leveraged Google API's Single Sign On (SSO) for user authentication and deployed application on Heroku Cloud platform for fast scalability with 0% downtime.

## EXPERIENCES

### Software Engineer

June 2019 – August 2019

#### Hunter Digital, Sleepaway Camper

New York, NY

- Designed and built React Redux prototype aggregator storing 4000+ entries, images and coordinates of summer camp details used for search filters and summer camp detail pages
- Implemented search engine and filters by building dynamic SQL queries made through API engine
- Developed REST API for user and sub-user review and rating system and enhanced user profile

**Tech Stack:** React Redux, JavaScript, Express, Node.js, HTML, CSS, PostgreSQL database, Redis, SQL, REST API, SCSS, Bash, Git, Amazon EC2

### Software Engineer

June 2017 – August 2017

#### Bask Technologies

New York, NY

- Built React components for online learning tool used to enhance communications between students and teachers by virtualizing office hours. Later the company and product were acquired
- Performed cross platform compatibility assurance across modern browsers (Google Chrome, Safari, Firefox, Internet Explorer, Edge) and iOS devices
- Designed and developed data model, leveraging GraphQL layer on top of PostgreSQL database
- Implemented component testers using Chai-Enzyme assertions for smooth development

**Tech Stack:** ReactJS, Express, Node.js, HTML, CSS, JavaScript, PostgreSQL database, SQL, GraphQL, Git, UX, REST API

## EDUCATION

### New York University

September 2016 – May 2020

Bachelor of Science in Computer Engineering  
Minor in Mathematics

New York, New York