Jerry Yeh

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WORK EXPERIENCES

Software Engineer Intern
Hunter Digital, Sleepaway Camper

June 2019 – August 2019
New York, NY

> Designed and built application used to help parents find appropriate summer camps and provide leads for summer camp to maximize attendance rates using React and Redux
> Implemented and optimized filters for finding summer camps by building dynamic SQL queries for over 4000 summer camps
> Built rating system from 1-5 stars and review system to share parent and children experience for summer camps

Tech Stack: React, Redux, Express, Node, PostgreSQL, Redis, REST API, Sass, Git, AWS EC2

Software Engineer Intern
Bask Technologies

June 2017 – August 2017
New York, NY

> Built features for a video–based virtual office hours product that enhanced communication between students and teachers using React
> Developed analytics dashboard to track and visualize platform activity using GraphQL for data
> Implemented various testing strategies using Chai–Enzyme for unit tests and BrowserStack for cross–browser compatibility

Tech Stack: React, Express, Node, PostgreSQL, GraphQL, Git, REST API

PROJECT EXPERIENCES

Stock Streams

January 2021 – Present

> Developed financial investment management application using Django and Alpaca Trade API to request stock prices and submit orders and used Kafka and WebSockets for data streaming
> Used Pandas dataframes to manipulate and store financial data and used Dash Plotly charts for performance indicators
> Encapsulated application in Docker environment to learn more about microservice architecture and functionality

Tech Stack: Python, Django, JavaScript, Pandas, Bootstrap4, Git, Dash Plotly, Kafka, Heroku, Gunicorn, Redis

Nibble Productivity

February 2020 – May 2020

> A productivity and task management tool that syncs with Google Calendar to focus on simplifying and planning tasks into manageable portions using React
> Designed user and task card data models and leveraged Google API's Single Sign On (SSO) for user authentication
> Built server and APIs for handling Google Calendar events and dashboard task cards

Tech Stack: React, Node, Express, Tailwind CSS, PostgreSQL, Git, AWS, Heroku

TECHNICAL SKILLS

Programming Languages – Python, JavaScript (ES6), SQL, C, HTML, CSS/Sass
Frameworks – React, Redux, Django, Node, Express, Flask
Tools & **Technologies** – Git, Redis, AWS, Heroku, Docker, Kubernetes, Bash, Kafka, WebSockets, D3.js, GraphQL, Bootstrap, Tailwind CSS, Gunicorn

EDUCATION

New York University

September 2016 – May 2020

Bachelor of Science in Computer Engineering
Minor in Mathematics

New York, New York

INTERESTS

> Discovering new music
> Cooking