JACK LEE

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EDUCATION

New York University, New York, NY   May 2024
Bachelor of Arts, Computer Science and Data Science, GPA: 3.9
Relevant Coursework: Applied Internet Technology, Data Management and Analysis, Basic Algorithms

Bergen County Academies, Hackensack, NJ   June 2021
Academy for Technology and Computer Science, GPA: 4.0
Relevant Coursework: C & Data Structures, Lambda Calculus, Structured Query Language

SKILLS

Programming Languages: HTML, CSS, JavaScript, PHP, SQL, Java, Python
Libraries & Frameworks: Node.js, Express, React, Laravel, MongoDB

EXPERIENCE

Software Engineering Intern, **Readorium,** Teaneck, NJ   July 2020 – May 2021
- Implemented new features to streamline onboarding of new users
- Learned new technologies on the job (PHP, Code Igniter, Laravel, Stripe)
- Discussed specific implementation choices with a small team
- Worked with large existing code base and on live database
- Wrote documentation for new sections of code

PROJECTS

Meal Recommendation Engine
- Gives personalized recipes based on user preferences and dietary restrictions
- Uses machine learning to recommend new recipes based on previously liked ones
- Built with Next.js, Chakra UI, MongoDB, and TensorFlow and deployed to Vercel

"Infinite" Storage App
- Developed an app that stores files encoded into Google Documents, which have no quota
- Researched and utilized several APIs, including Google's authentication and Drive APIs
- Built with Express and React and deployed to Microsoft Azure

Circle Evolver
- 1st place submission for Repl.it Code Jam
- Simulates evolution through the passing down and mutation of genes
- Implemented a moveable camera and simulation statistics

Top Down Shooter Game
- Multiplayer web game built on Node.js, HTML5 Canvas, and socket.io
- Runs based on config file that controls behavior of almost every aspect of game
- Two different game modes and four different maps to play on