

Ryan J. Kim

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TECHNICAL SKILLS

Frontend | React, NextJS, TypeScript, Javascript, NodeJS, CSS, styled-components

Backend | C++, NodeJS, MongoDB, Python

Testing/Development | Jest, Vitest, Mocha

Developer Tools | Git, npm, Vue, Webpack, Docker, TDD

EXPERIENCE

Front-End Software Engineer | JP Morgan Chase & Co.

Jun 2023 - July 2023

Stock trading board system web application

TypeScript | Node.js | Python | GIT | Jest

- Contributed to the success of displaying data visually for traders by using front end tools to create a trading dashboard chart. Responsible for interface with the stock price data feed and set up virtual systems for analysis of different data sets
- Utilized JPMorgan Chase & Co's Framework/ Tools/Web applications to implement perspective open source preparation for data visualization using React.JS, TypeScript, GIT, Python (Location: virtual)

Governance-Analyst Engineer | Goldman Sachs Co.

July 2023 - Aug 2023

Password Length encryption simulation

Python | Cryptography | Encryption

- Executed and developer IT security needs regarding password encryption identification using various industry best practices
- Identified the company issue regarding outdated passwords for different users so executed hashing algorithms by cracking passwords using HashCat
- Wrote a memo for my supervisor summarizing an array of proposed uplifts to increase the companies level of password protection including extending minimum password length using a dedicated hashing algorithm that i've developed. (Location: virtual)

Vice President Coding Club | Queensborough C.C.

Dec 2021 - July 2022

Vice President of QCC Coding Club

C++ | Typescript | React | GIT | Python

- Collaboratively built modern web development techniques such as building full stack applications and micro service integrations while also developing algorithmic and system design skills using TypeScript/Python.
- Utilized Git commands & Github, (e.g.) push, commit, and pull to view, store, make changes within folders
- Created a responsive front-end web applications using HTML, CSS/Bootstrap, JavaScript, and React

Front-end Web developer | NY E-commerce Bookstore

Nov 2022

Link: <https://nyecommerceprototype.vercel.app/>

- Created a fully scalable dynamic library website with capabilities of adding & removing books chosen from the shopping cart, and using flexbox and bootstrap to move in tabs.

EDUCATION

Baruch College, B.S. Computer Science, GPA (3.7)

May 2025