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## Software Engineer at New York City, New York | No sponsorship needed

Full-stack developer with experience and passion in creating dynamic and responsive web applications. Previous background in Data Analysis with experience using Selenium for Python for web crawlers on various dynamic websites. Bilingual in English and Chinese

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### TECHNICAL & INTERPERSONAL SKILLS

**Languages:** JavaScript, Typescript, HTML, CSS, SASS(SCSS), Python, JSON, EJS

**Libraries and Frameworks:** Node.js, React, Express.js, Mongoose, Sequelize, JQuery, Bootstrap

**Databases and others:** PostgreSQL, MongoDB, MySQL, RESTful Routing

**Interpersonal skills:** Collaborative, team work, creative, Aggressive Learning

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### SOFTWARE ENGINEERING PROJECTS

**Racroom - [GitHub](#) | [App](#) - React | Express.js | Node.js | MongoDB | JavaScript | JWT**

*An full-stack app where users can create or take trivia (in collaboration with three other engineers)*

- Developed the Front-end interface with React to enable users to customize trivias with multiple quizzes with **styled-components**
- Designed the Front-end based on React and communicate with a **MEN Stack** Back-end application via AJAX with data in a **MongoDB** database
- Built the Back-end server that allows users with **JWT authentication** to perform **CRUD** data operations

**Joy Toy - [GitHub](#) | [App](#) - React | Express.js | Node.js | PostgreSQL | TypeScript | JavaScript | JWT**

*An full-stack app where users can share the toys and collections*

- Developed the Front-end interface with React in Typescript that communicate with **PEN Stack** Back-end application with persistent data in a **PostgreSQL** database
- Implemented **JWT** token-based authorization that restricts access to features requiring a logged-in user to work (typically CUD data operations) by protecting those routes from anonymous users
- Utilized Cloudinary API that allows users to store photos of toys/collections

**Next Tour - [GitHub](#) | [App](#) - Node.js | Express.js | Mongoose | JavaScript | EJS**

*An MEN-stack app where users can share their trip and experience*

- Created secure login with Google OAuth for authorized users to operate CUD functionalities
- Made RESTful API fetch posts and comments from the **MEN Stack** server and used EJS templates to render views
- Enabled users to post a trip plan that allows other users to comment and save to their page and subscribe the author

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### WORK EXPERIENCE

**CLASSOVER INC** – Manhattan, New York

**Data Operations Analyst Intern**

November 2022 - February 2023

- Developed expertise in **Navicat** to create detailed queries related to student, teacher, class, and attendance data in order to perform in-depth analysis and provide valuable insights
- Conducted thorough verification of **MySQL** queries in course and user System to ensure their accuracy and reliability
- Applied advanced web scraping techniques to effectively extract and organize critical information about prospective clients for future contact and relationship building

**CAPTARGET, LLC** - (Remote) California, U.S.A

**Data Analyst Intern**

March 2021 – October 2021

- Utilized advanced web scraping and automation techniques with **Selenium and Python** to collect and organize relevant data for client project needs and seamlessly exported it to Excel files for ease of use and analysis
- Extracted and stored information on over 500+ potential buyers of venture and capital using **Selenium, Python** for future decision-making and planning

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### EXTRACURRICULAR ACTIVITIES

**JPMorgan Chase & Co.** Software Engineering Virtual Experience Program on Forage (~ 5 hours)

June 2023

- Completed tasks including interfacing stock price trends, creating strategies and data visualization by using Typescript, React and Python for traders

**CISCO** Software Engineering Virtual Experience Program on Forage (~ 5 hours)

June 2023

- Completed tasks including creation of dashboard, Sextant with React to display data, and Network Service

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### EDUCATION

**General Assembly**

New York City, New York

Software Engineering Immersive

2023

**George Mason University**

Fairfax, Virginia

Master of Science in Data Analytics Engineering, GPA:3.87/4.0

January 2019-December 2020

**National Taiwan Ocean University**

Keelung, Taiwan

Bachelor of Science in System Engineering & Naval Architecture

September 2011-June 2015