Nathan Dong

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Development Skills

Programming Languages: Python, JavaScript, Java, C
Technologies: React.js, Node.js, Express, REST APIs, SQL, HTML, CSS, SASS
Tools: VS Code, PyCharm, VCS, Git, GitHub, Figma

Experience

Collaborative Scheduler https://scheduler.nathandong.com/
- Created a Collaborative Scheduling Web app where users can invite people to sessions via links to collaboratively plan an activity.
- Implemented Frontend using React.js, React Bootstrap and D3. Implemented Backend using Express.js, MySQL, JSON Web Tokens and Passport.js Google Oauth.

Industry Project - Computotal
- Created a solution as a group with frontend and backend implementation from the ground up, geared to offer IT consultation services for professionals and customers.
- Designed wireframes using Figma and implemented frontend using Angular and Typescript.

Task Tracker
- Created a Task Tracking web application where users can login, add, delete and modify tasks.
- Implemented using ReactJS frontend with Express, REST API's and PostgreSQL for the backend.

FAM Bank System
- Created the Family Appointed Moderator (FAM) Bank System, co-written using Object-Oriented programming with Python.
- The system can register users, keep track of all spending/transactions of their bank accounts and lock accounts if certain conditions are met depending on account type.

Education

British Columbia Institute of Technology — Computer Systems Technology, Diploma (GPA: 86%)
Graduation December 2021 — Burnaby, BC
- Combination of computer systems theory with hands-on practical experience in software development
- Artificial Intelligence and Machine Learning Option

Additional Skills & Interests

Agile Methodology: Numerous collaborative group projects completed with Agile Methodology and weekly scrum sessions.

Teamwork / Communication: Working at Safeway for 3 years as a Produce Clerk and collaborative group projects have enhanced my ability to effectively communicate and work with teammates and customers.

Interests: Watching coding simulation YouTube videos, video games, reading, music and watching TV series/movies