Daniel Le

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EDUCATION

City University of New York - Hunter College, New York, NY

Bachelor of Arts in Computer Science, Minor in Mathematics   August 2019 - May 2023 (Expected)

Relevant Coursework:
Data Structures and Algorithms,Computer Architecture I & II, Computer Theory I, Relational Databases and SQL Programming, Operating Systems

SKILLS

Languages: C++, Java, JavaScript, Python, SQL
Technologies: React, Spring , PSQL, Hibernate

PROJECTS

Stock Portfolio Tracker (React, Java, Spring Boot, PSQL)
- Built a full stack web application that allows users to create accounts and simulate paper trading of stocks. Users can search, buy and sell stocks with real time information using a 3rd party api. Users also have the option to view past transactions.
- Hibernate and PSQL were used to implement the data persistence layer.

Pass Guard (Java, Spring, Hibernate)
- Implemented a basic password manager with a terminal based GUI.
- Users are able to create new accounts that keeps track of the website url, email associated with the account and a password. Passwords are randomly generated.
- Users can view all accounts, and query all accounts with a specific email.

BattleShip Game Engine (Java)
- Implemented the game of BattleShip with an emphasis on applying OOP concepts. Users may customize playing space, and play against the computer. Computer's strategy is based on its previous move's outcome.

EXPERIENCE

Hunter College Dolciani Math Learning Center, New York, NY   Feb 2020 – Present
Math Tutor and Teaching Assistant
- Assist with classroom instruction and provide support and guidance to students
- Provide students with clarification on math concepts and questions in College Algebra, Pre-Calculus, and Calculus I - II
- Provide individual one hour instruction sessions with students
- Conduct problem sessions with groups of students to explain core concepts and teach problem solving techniques