David S. Li

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in https://www.linkedin.com/in/david-s-li/ | 🐙 https://github.com/dsli208

Education

STONY BROOK UNIVERSITY   **EXPECTED MAY 2019**

· Bachelor of Science in Computer Science, GPA: 3.4/4.0 cumulative, 3.3/4.0 major

· Selected coursework: Data Structures, Discrete Mathematics, Probability and Statistics, Application Design, Data Analysis, Assembly Programming, Differential Equations

Work Experience

STONY BROOK UNIVERSITY | UNDERGRADUATE TEACHING ASSISTANT   **JANUARY 2017 - PRESENT**

· Conducted a laboratory/recitation session in a 30 student classroom section for an introductory Computer Science course aimed at helping students learn the Java programming language

· Monitored an open discussion forum for all students and held open office hours, answering any questions pertaining to the students' coursework

· Courses Assisted: Introduction to Procedural and Object Oriented Programing (Spring 2017 and Summer 2017) and Data Structures (Fall 2017)

YORKTOWN PLANNING DEPARTMENT | INTERN   **SEPTEMBER 2014 – JUNE 2015**

· Assisted Town Planner and Director of Planning with reorganizing and digitizing property information and site plans; this included filing documents and entering information into spreadsheets

Projects

PERSONAL WEBSITE   **SUMMER 2017 - PRESENT**

· Developed using HTML/CSS/JavaScript and the Bootstrap framework, hosted at https://dsli208.github.io/

· Currently working on updating the site with additional frameworks and condensing the information to one page

GPA CALCULATOR   **SUMMER 2017 - PRESENT**

· Developed to experiment with making linked-list data structures in Python, using knowledge gained from a Data Structures course taken in Fall 2016

· Intended to be capable of calculating a user's cumulative GPA, along with particular major GPA

STOCK ANALYSIS   **SUMMER 2017**

· Developed using the R statistical programming language to predict future stock log returns from Microsoft and Amazon

· Analyzed stock data from the past year to create a linear model and one-step prediction

COURSE SITE GENERATOR   **SPRING 2017**

· Developed using Java and JavaScript technologies to help a professor create a user-friendly course website with custom inputted data

· Utilized JavaFX for user interface (UI) layout and JavaScript (including JavaScript Object Notation (JSON)) for saving, loading, and exporting user inputted data into a user-friendly website

Skills

· Proficient: Java, Python, HTML, Microsoft Office

· Moderate: Git, JavaScript, R, LaTeX

· Familiar with: Ruby, SQL, CockroachDB