David S. Li

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Education

STONY BROOK UNIVERSITY, STONY BROOK, NY **AUGUST 2015 – MAY 2019**

- Bachelor of Science in Computer Science (expected May 2019)
- GPA: 3.3/4.0 cumulative, 3.4/4.0 major GPA
- Selected coursework: Introduction to Procedural and Object Oriented Programming, Data Structure, Foundations of Computer Science, Survey of Probability and Statistics, Systematic Program Design, Coding, and Testing

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

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

- **COURSE SITE GENERATOR** (Spring 2017)
  - Developed as a final project for Computer Science III (Systematic Program Design, Coding, and Testing), using Java and JavaScript
  - 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
- **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
  - Intended to be capable of calculating a user's cumulative GPA, along with particular major GPA
- **STOCK ANALYSIS** (Summer 2017)
  - Developed using R 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

Skills

- Proficient: Java, Python, HTML, Microsoft Office
- Moderate: Git, JavaScript, R, LaTeX
- Novice: Ruby, SQL, CockroachDB