

David S. Li

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EDUCATION

- **Stony Brook University, State University of New York** Stony Brook, NY
Bachelor of Science in Computer Science *Expected May 2020*
 - University Scholar, Presidential Scholarship Recipient

EXPERIENCE

- **Stony Brook University** Stony Brook, NY
Undergraduate Teaching Assistant *January 2017 - December 2017*
 - Conducted a laboratory/recitation session in a 30 student classroom section, held open office hours, and monitored an open discussion forum for introductory Computer Science courses in Java, where I assisted students by answering questions that pertained to their coursework
 - Met with other TA's once a week to discuss upcoming course-related events, including review sessions for upcoming exams and designing material for upcoming recitations
 - Courses Assisted: Introduction to Procedural and Object Oriented Programing (Spring 2017 under Mr. Ahmad Esmaili and Summer 2017 under Dr. Paul Fodor) and Data Structures (Fall 2017 under Mr. Ahmad Esmaili)
- **Town of Yorktown Planning Department** Yorktown Heights, NY
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

- **QuickBiz:** Application designed to help prospective entrepreneurs built with TypeScript and Node.js on the front end, and Python, Google Cloud, and AWS for market research.
- **MindMusic:** A web app designed to schedule stress-relieving music study breaks. Used HTML/CSS/JS on the front end; Flask, Google Calendar, and Spotify APIs on the back end. Winner of Most Innovative Prize, HackHealth 2018.
- **Stock Analysis:** Developed in R to predict future stock log returns from Microsoft and Amazon. Created a linear model and one-step prediction using stock data from the previous year.
- **Course Site Generator:** JavaFX application for assisting instructors in creating easy-to-use course websites. JavaScript and CSS front end with JSON objects utilized to store data.
- **Mental Health Web App:** Web application that gives users feedback and professional help that they may need based off their input. Used JS and the Google Maps API.

PROGRAMMING SKILLS

- **Languages:** Python, JavaScript, C, SQL, Java, MIPS Assembly, OCAML
- **Operating Systems:** Linux, Windows
- **Tools:** Atom, Sublime, Vim, NetBeans, IntelliJ, PyCharm