JUSTIN YING

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EDUCATION

Stony Brook University *Aug. 2017 - May 2021*
BS Double Major in Computer Science and Applied Math and Statistics *GPA: 3.4*
- University Scholars/Dean's List
- Relevant Course Work: *Foundations of Computer Science, Data Structures, Software Design, Systems Fundamentals I-II, Theory of Computation, Analysis of Algorithms, Applied Linear Algebra, Survey of Probability and Statistics, Applied Calculus I-III, Computational Theory, Finite Mathematical Structures, Graph Theory*

Hong Kong University of Science And Technology *Jun. 2019 - Aug. 2019*
Study Abroad Summer 2019
- International Academic Programs Scholarship
- Relevent Course Work: *Database Management Systems, e-Business Management and Web Analytics*

PERSONAL PROJECTS

Asian Snack Boutique *JavaScript, HTML, CSS* *Jun. 2017 - Sep. 2019*
Built a web app that parses through several food websites and stores, categorizes and displays a multitude of snacks from various Asian cultures.
- Combines several technologies such as Mongo DB, Express, HTTP, Node.js, and Angular to create a fluid and detailed website.
- Uses web scraper project from previous undergraduate research and Cheerio to perform asynchronous parsing of several websites to populate databases.
- Features a responsive and modern user interface that allows users to upload and store their own pictures and descriptions of snacks not yet found on the database.

Course Site Generator *Java, JavaFX, CSS* *Sep. 2018 - Dec. 2018*
Built a desktop application that simplifies the creation of course websites for professors.
- Utilizes several frameworks and APIs to create a modular design so that classes are independent and non-redundant.
- Exhibits fundamental app traits such as copy and paste, undo and redo, and saving options.
- Uses CSS and JSON to store and provide data to HTML file to create a streamlined application.

WORK EXPERIENCE/VOLUNTEER ASSISTANT

Research Assistant, Professor Praveen Tripathi *Aug. 2018 - Apr. 2019*
Undergraduate Research
- Modified Web Scraper application to increase extensibility and scalability for large scale data collection.
- Helped increase algorithm sorting speed, accuracy and efficiency for large data sets by testing combinations of various data structures and algorithm techniques.

Sales/Warehouse Associate *Feb. 2017 - Jan. 2019*
DSW Designer Shoe Warehouse
- *Sales Associate*: Provided helpful and friendly customer service and engagement. Maintained a safe, clean and orderly floor. Delivered quick and speedy online orders for customers to support cash rep.
- *Warehouse Associate*: Upheld and controlled flow of merchandise to meet sales goals and create appealing experiences for customers. Created engaging displays and organize floor by different styles.

Teacher's Assistant *Jun. 2015 - Aug. 2015*
Ace Scholars Tutoring INC.
- Aided and taught students in mathematics and English, leading to increase in overall scores of pupils on their end of summer exams.
- Created a welcoming, inclusive and creative environment while providing customized assistance to children to meet their individual needs.

LANGUAGES AND TECHNOLOGIES

Familiar	Java, HTML, CSS, Python, R, Latex, JavaScript, SQL
Software	Android Studio, Unity, JavaFX, Microsoft Office (Excel, PowerPoint, Word)