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.

LANGUAGES AND TECHNOLOGIES

Familiar	Java, HTML, CSS, Python, R, Latex, JavaScript, SQL
Software	Android Studio, Unity, JavaFX

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.