WENDY HU

www.github.com/whoswendy | www.linkedin.com/in/wendy-hu/

EDUCATION

Stony Brook University, State University of New York, Stony Book, NY   **Expected May 2021**
B.S. in Computer Science, B.S. in Applied Mathematics and Statistics
Cumulative GPA: **3.73**
Honors: Dean's List Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020

SKILLS

- Programming/Scripting Languages: Java, Python, HTML, JavaScript, C
- Databases: DB2, MySQL, MongoDB
- Others: Microsoft Office Suite, Microsoft Visio, Business Process Modeling

PROFESSIONAL EXPERIENCE

American Express, New York, NY   **July 2020 – August 2020**
Customer 360 – Software Engineering Intern
- Designed API schemas using OpenAPI Specifications for clear user understanding of endpoints
- Developed and deployed the Customer Activity Journal Business API to allow integration of Customer 360 Portal and the Customer Activities System of Records

IBM, Austin, TX   **June 2019 – August 2019**
Data and Analytics – Software Developer Intern
- Improved efficiency of support teams by developing and deploying a web app using Open Liberty on IBM Cloud
- Programmed a Python script to automate uploading data from an IBM internal site onto a Netezza database
- **Intern Hackathon:** Co-developed a cognitive chatbox using IBM Watson Services to provide an interactive immersive French language learning experience

Morgan Stanley, New York, NY   **June 2018 – August 2018**
Corporate Process and Technology Intern
- Streamlined tech enhancement request process by creating a quick reference guide for clients
- Documented the current company vendor application change request process to ensure regulatory compliance

PROGRAMMING EXPERIENCE

Customer Activity Journal Read Business Function, American Express   July 2020 – August 2020
Java, Vert.x Framework
- Created an API endpoint which serves as the business layer to process data retrieved from system of records (Couchbase) and to return metrics on customer activities
- Utilized Jenkins, Gradle and American Express internal tools in the development of the API

TapNGo, SBUHacks2019   **September 2019**
Java
- Co-developed a mobile app to assist those with memory disorders. User inputs their home location and lists items needed. Using the device's GPS, the app will alert user to check belongings when leaving home
- Utilized Android Studio, Google's FusedLocationProviderClient API and various Android libraries

Product Taxonomy WebApp, IBM   **June 2019 – August 2019**
Java, HTML, JavaScript, CSS
- Assisted with the production of a tool that validates a CSV file based on structural rules. Data is uploaded onto a DB2 database and user can download the most recent division product taxonomy data which improved overall efficiency and reduced the need for manual data cross-check
- Utilized IBM Cloud, DB2 services, Open Liberty, and Maven in the development of the application