

Sebastian Holguin

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EDUCATION

Stony Brook University | 100 Nicolls Rd, Stony Brook, NY 11794

August 2018 - December 2022

- **Major:** Applied Mathematics & Statistics, BS
- **Minor:** Information Systems
- **Relevant Coursework:** Algorithms & Data Structures, Computer Vision, Discrete Mathematics, Operation & Research Optimization, Probability and Statistics, Finite Mathematical Structures, Data Analysis
- **Awards:** Libraries' Dorothy Scholarship, College of Engineering Academic Achievement Award

TECHNICAL SKILLS

Programming Languages: Java, Python, Ruby, JavaScript, CSS, HTML, Swift, Objective-C

Web Frameworks: Spring/React, Ruby on Rails

Databases: H2, MySQL

Tools: Git, Rest APIs, JUnit, Xcode, CocoaPods, Agile, Scrum

Certifications: Certified ScrumMaster (CSM)

PROJECTS

JP Morgan & Chase Software Engineering Experience - <https://github.com/sebastian-holguin/JPMC-Forage>

- Tools & Technologies: Python, JavaScript, Typescript, React, Data Analysis & Visualization
- Worked with JP Morgan & Chase's open-source software Perspective to visualize and host financial data on a local webpage with React, JavaScript, and Python.

Personal Website - <https://sebastian-holguin.github.io/Webpage-Portfolio/>

- Tools & Technologies: JavaScript, CSS, React, GitHub Pages

SneakerScape - <https://github.com/Sneakerscape>

- Tools & Technologies: Xcode, Swift/Objective-C, CocoaPods, RapidAPI, Trello
- Capstone project for the 2021 CodePath iOS Developer Course at Stony Brook University. Worked with 2 team members to develop a fully operational iOS application. Utilized a REST API to acquire data from a sneaker database. Presented a final demo to a panel of iOS software engineers and instructors; won first place among 30 student groups.

WORK EXPERIENCE

Target | Port Chester, New York

June 2022 - Present

General Merchandise Expert

- Utilize a variety of technologies such as Zebra tablets, printers, and radios. Assist with duties in other areas of the store such as restocking items, and guest services. Provide excellent guest service with knowledgeable answers to questions or solutions to problems.

Stony Brook University Library Dean's Office | Stony Brook, New York

August 2018 - May 2022

Student Assistant

- Organized scanning and printing important documents and updates weekly and monthly schedules for various library staff. Utilized Trello to keep track of various project statuses and to communicate to fellow student peers. Executed school policies, procedures and safety standards to ensure the proper cleanliness, effectiveness, and safety of the office and equipment.

ADDITIONAL LEARNING EXPERIENCES

Code Differently | Wilmington, Delaware

June 2021 - August 2021

Software Engineer Apprentice

- Successfully completed over three months of immersive software development training in algorithms, object-oriented programming, Agile methodologies, Test Driven Development, testing and debugging. Tech stack used included Java, JUnit, Rest APIs, Spring Boot & React.

Major League Hacking | Port Chester, New York

July 2021 - August 2021

MLH Pre-Fellowship Fellow

- Worked on intensive projects over 4 weeks and collaborated with other engineers in short hackathon sprints. Completed a fully working project with two other participants for the final hackathon sprint using NodeJS, JavaScript, Express, and Linode. Won "Top Project in a Pod" category.

CodePath | Stony Brook, New York

February 2021 - June 2021

iOS Student Developer

- Practiced the Scrum framework and utilized different technologies for each sprint such as Java, Python, React, Ruby, and various APIs. Completed 6 mobile applications, honing technical skills with Swift and XCode. Finished final project with two team members; presented to a panel of software engineers and won first place among 30 student groups.