DANIEL HAMAM
SOFTWARE DEVELOPER

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EDUCATION

Stony Brook University   **Graduation: May 2021**

B.S. Computer Science, *Cum Laude*
    GPA: 3.60
    Honors/Awards: Honors College Diploma, Stony Brook Presidential Scholarship, NYS Regents Academic Excellence Award, IB Diploma Student, NYS STEM Scholarship Award

TECHNICAL SKILLS

    Frontend: React.js HTML/CSS jQuery Bootstrap Angular.js Figma Jinja Redux TypeScript Tailwind CSS
    Backend: Spring Boot Flask Maven Bash SQL Django Express.js C Powershell JPA Firebase AWS
    Tools, Libraries & Software: Git Agile Salesforce Excel Photoshop Blender Logic Pro X Final Cut Pro

WORK/VOLUNTEER EXPERIENCE

Associate Software Engineer, Scholastic (New York City, New York)   **January 2022 – Present**

- Automated unit testing using Apex to preserve at least 75% code coverage for each server-side class.
- Served as a full stack engineer assembling new features for the Book Fairs Salesforce team, the largest business unit.
- Incorporated new integrations such as Natterbox, a cloud voice solution automating data capture for Fair Consultants.

Junior Software Developer, Paragon Data Labs (Wilton, Connecticut)   **July 2021 – January 2022**

- Collaborated in Agile Scrum practices directly with the CTO to ensure synced application development.
- Developed Java Spring Boot backend services using JDBC and caching for reliable, structured access to data.
- Wrote complex SQL queries and stored procedures for user and form data manipulation in MS SQL databases.

Junior Software Intern, City of Yonkers (Yonkers, New York)   **May 2018 – August 2018**

- Partook in back-end management of accounts registered to the city website's database.
- Completed a project to facilitate the switching of Java versions to ease developers' use of legacy programs.
- Engaged with Laserfiche for document management in transforming the city's paper records to a virtual format.

SOFTWARE PROJECTS

Music Production Sales
- An engineered Node.js application public at prodbyhamam.com to provide sales and pricing services for personal music compositions. Features contact options available using the node-mailer module to format and e-mail the message. DNS records are set by GoDaddy with the CNAME redirected to a Heroku domain, where the source code is uploaded.

District Plans Generator
- A collaborative project, this web application generates congressional district plans for a State based on demographic constraints using publicly available data from the US Census. Implemented with a python algorithm executed through Bash commands by Stony Brook's *Seawulf* server.

Wireframer for Website Prototypes
- Wireframer application built using React, Redux and HTML that supplies user creation of pseudo-websites with a set of options for customizable text-fields, containers, buttons, and labels with zoom abilities. Application manages and saves a user's progress using Firebase, Google's cloud-hosted NoSQL database.

Personal Website: hamam.dev (for additional information)