Samuel Brendese
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EDUCATION

State University of New York (SUNY) College at Plattsburgh
Bachelor's Degree (B.S.) Computer Science
August 2018 – December 2021
- **GPA: 3.59 / 4.0**
- **Courses:** Software Engineering, Databases, Object Oriented Programming, Operating Systems, Data Structures, Website Design, Public Speaking/Persuasive Writing (Teaching Assistant)
- **MyFood Personal Refrigerator:** Worked with a team of 8 students to develop an application that organizes the contents of a refrigerator. Used Google Flutter and Dart to build user interface screens.

PROFESSIONAL EXPERIENCE

Front End Developer Intern *(March 2022 – September 2022)*
Applied Visions (Northport, NY)
- Presented research analysis of 3 major client competitors to the design team by creating wireframes of user workflows. Identified gaps in the existing workflows and created solutions to increase user satisfaction.
- Built a system diagnostics page for a client's application using React, TypeScript, and GraphQL to recursively query diagnostics data into nested drop menus. In turn, project administrators were able to detect and monitor performance issues from within the application while in production.
- Strengthened an integral part of the design team's process and allowed for an overall increase in team efficiency by organizing a 33-frame component library in Figma and automating design changes to over 50 components.
- Participated in common agile development processes throughout the entire product life cycle and contributed to implementation solutions.

Website Design & Data Management Intern (_June 2021 – December 2021_**)**
Global Foundries (Malta, NY) Global R&D Management Team
- Led the creation of the company's "Global Re-Entry Program" website. The program has recruited over 10 new candidates since the website launched in 2022.
- Collaborated with branding managers, marketing interns, and developers to ensure the site met branding requirements and enhanced usability for all "Re-Entry" applicants.
- Facilitated the migration and re-design of the research & development team's internal website across multiple departments. The 300-page site supports over 15,000 employees.
- Optimized research databases from 70 university partnership projects by gathering internal focus groups. Performed user interviews to increase database efficiency.
- Implemented project management functions into research databases using Power BI and Excel.

PROJECTS

- **Stamp Landing Page** *(January 2022)*: Completed an online developer challenge where coders replicate an image of a company landing page into a functioning, responsive website using HTML, CSS, and Vanilla JavaScript.
- **Tic Tac Toe** *(January 2022)*: Created a tic tac toe game in React. Functions update an array of 9 buttons which utilize the useState hook to make changes on each input or reset.

SKILLS & CERTIFICATIONS

- **Technical Skills:** JavaScript, HTML/CSS, React, Figma, Jira, Basecamp, Notion, SharePoint, Excel, Power BI, TypeScript, GraphQL, Bootstrap, Git/GitHub, Linux OS
- **Certifications:** Professional Scrum Product Owner I (PSPO I), Professional Scrum Master I (PSM I)
- **Hobbies:** Ice Hockey, Golf, Lacrosse, Weight Lifting, Cooking