

# Samuel Brendese

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## PROFESSIONAL EXPERIENCE

### Front End Developer Intern

Applied Visions (Northport, NY)

*March 2022 – Present*

- Implemented a system diagnostics page for administrators and developers while application was in production. Utilized React, TypeScript, and GraphQL to recursively query diagnostics data into nested drop menus.
- Developed a theme page comprised of a custom Material UI component library for developers to reference when creating new pages within assigned project.
- Collaborated with team members to ensure efficient coding practices and proper documentation.

### Website Design & Data Management Intern

Global Foundries (Malta, NY) Global R&D Management Team

*June 2021 – December 2021*

- Facilitated the migration and re-design of the research & development team's internal website amidst a company-wide migration from Google to Microsoft. The site supports over 15,000 employees.
- Utilized Microsoft Power BI and Excel to stream large databases into the new 350-page Microsoft SharePoint site. Designed and built management functions for non-technical employees to access, edit, and update information while reducing data repetition and maintaining data integrity.
- Created internal and external web pages for the company's "Global Re-Entry Program" which is designed to offer return-to-work opportunities – primarily for women – who have taken a career break for an extended period and are looking to return to the workforce.
- Collaborated with team members and branding managers to gather internal focus groups in order to improve end-user experience for all assigned projects.

## PROJECTS

- **Stamp Landing Page:** Completed online developer challenge where coders replicate a PNG image of a company landing page into a functioning, responsive web site. Used HTML, CSS, and Vanilla JavaScript to create and style the landing page. Allows user to sign up for a membership by entering username, email, and password.
- **Tic Tac Toe:** Created a tic tac toe game in React. Functions update an array of 9 buttons which include the useState hook that make changes on each input or reset. Each turn increments a "count" value which controls "X" and "O" input to each box.

## SKILLS & INTERESTS

- **Technical Skills/Languages:** JavaScript HTML/CSS, React, TypeScript, GraphQL, Material UI, Bootstrap, Git/GitHub, Linux OS, Figma, jQuery, SharePoint/Excel/Power BI
- **Hobbies:** Ice Hockey, Golf, Lacrosse, Weight Lifting, Cooking

## EDUCATION

### State University of New York (SUNY) College at Plattsburgh

Bachelor's Degree (B.S.) Computer Science

*August 2018 – December 2021*

- **GPA: 3.59 (Cum Laude)**
- **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 manages the contents of a refrigerator. Used Google Flutter and Dart to build user interface screens.
- **Award of Academic Excellence in Computer Science:** Awarded by the department of computer science to a student who has shown outstanding academic performance in computer science courses.