

# Sydney A. Bieber

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**Portfolio Website:** <https://sydneyannbieber.com>

## EDUCATION

### Bachelor of Science in Computer Science

University of Florida

Gainesville, FL

May 2024

## PROGRAMMING SKILL SET

Java, C++, Python, HTML, CSS, JavaScript, React, Oracle SQL, Firebase, Node JS, MongoDB, Express, Expo

## WORK EXPERIENCE

### Traject

Software Development Apprenticeship

Bellevue, WA (Remote)

August 2022 - December 2022

- Collaborated with mentors to develop a prototype website using MongoDB, Express, React, and Node JS.
- Utilized RESTful APIs for secure storage and management of social media links within user accounts.
- Implemented secure authentication with JWT to ensure robust data protection and user privacy.

### UF Blueberry Breeding and Genomics Lab

Lab Technician

Gainesville, FL

May 2022 - July 2022

- Contributed to the testing and implementation of a proprietary mobile application using Java.
- Integrated the ZXing library for barcode scanning functionality to capture data efficiently.
- Utilized the OpenCSV library to write and export barcode data into an Excel spreadsheet.
- Streamlined data entry process, leading to a 25% increase in productivity.

### Copytalk Business Services

Scribe

Gainesville, FL

February 2023 - June 2023

- Processed dictation into professional transcriptions with high accuracy and efficiency.
- Developed strong communication and interpersonal skills through consistent client interaction.
- Enhanced attention to detail, ensuring high-quality and error-free transcriptions.

## PROJECTS

### PuzzlePeace

Full-Stack Developer

Gainesville, FL

January 2024 - Present

- Collaborated with peers to build an application using React Native and Expo, with CSS for a refined user interface.
- Implemented Firebase for efficient NoSQL data management to support the emotional well-being of individuals with autism.
- Contributed to Agile/Scrum processes to enhance team collaboration and project management.

### CensorMate

- Developed a Chrome extension using HTML, CSS, and JavaScript to block and replace user-selected words on webpages.
- Utilized the MutationObserver Web API for dynamic text updates.
- Implemented the Chrome Storage API for secure settings management.
- Included password protection feature to enhance security.