

# JENNY BAIK

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## EDUCATION

### University of Florida

Spring 2022

*Bachelor of Science in Computer Science, Minor in Piano Performance*

**GPA:** 3.97/4.0

**Coursework:** Data Structures and Algorithms, Operating Systems, Software Engineering, Databases, Linear Algebra

**Skills:** C++ (Proficient), Java (Proficient), JavaScript (Familiar), Python (Familiar), C# (Familiar), Git, SQL, Vue.js, React

## EMPLOYMENT

### Software Developer Intern

Gainesville, FL

*Info Tech, Inc. AASHTOWare Products*

May 2019-August 2019

- Developed a full stack application with **Vue.js** and **Firebase** that will be used as an internal communication tool between subject matter experts and developers, used to estimate the expected duration of project completion.
- Facilitated the build process of git branches by sending post requests to Jenkins server with a pre-push git hook written in **Python** and **bash**.
- Used **.NET** and **C#** to enhance multiple features to an internal tool used for tracking failing tests and AWS notifications.

### Teaching Assistant

Gainesville, FL

*University of Florida CISE Department*

August 2018-Present

- Programming 1 (Aug-Dec 2018, **Java**), Programming 2 (Jan-May 2019, **C++**), Data Structures (Aug 2019-Present, **C++**)
- Conduct one lab sessions each week, help students debug code for projects and assignments, and review programming foundational concepts. (Class size ~300)
- Organized pair programming to allow students to discuss possible code structures and to experience programming with different individuals weekly. Reviewed concepts such as: recursion, abstract data types, runtime complexities, and more.

## CODING PROJECTS

### waikandbaik

July 2019-Present

- Creating a web application to share food related media using **Vue.js** and **Firebase**.
- Utilizing REST API calls to store photos in Imgur.

### Personal Website (HTML, CSS, JavaScript, Vue.js, Firebase)

September 2018-Present

- jennycodes.github.io

### NoteWorthy (Python, Flask)

January 2019-April 2019

- Used Python (music21 library) to create a perfect pitch music application that would takes in chord progressions, matches songs and pieces based on those chords, and outputs "guesses" by comparing chords to set of music and its chord progressions.

### Image Processing (C++)

December 2018

- Created a program to read in TGA binaries showing different images, manipulate images through various functions (such as multiply, overlay, screen, and add), and output new TGA binaries.

### Minesweeper (C++, SFML)

November 2018

- Created the original Minesweeper game by utilizing the SFML library to render specific images to represent different game states. Utilized different data structures such as maps and vectors to hold each pixel representing a tile in the game.

## INVOLVEMENT

### Women in Computer Science and Engineering

*Shadowing Coordinator, Mentor, Member*

August 2018-Present

- Facilitate and coordinate communication between companies (Info Tech, Fanatics, etc.) for the Shadowing Program.
- Selected as one of the seven mentees in the Shadowing Program with Info Tech to receive guidance in the technology industry and create a project (NoteWorthy) with an Info Tech software developer.
- Mentor freshmen and sophomores in professional development, such as how to create a resume and prepare for interviews.

### Freshman Leadership Engineering Group

August 2018-Present

*Member*

- Selected as one of 38 freshmen engineers to receive guidance in professional and personal development.
- Organize events such as "Gator in Gear" and "FLEG Internship Panel" as a member of the Professional Networking and Development committee to help freshmen engineers find internship and research opportunities.
- Will mentor future freshmen to guide through their college experience, including career showcases.

## AWARDS

- Piano, Violin, Food-blog (Instagram: @waikandbaik), Table Tennis