

# Keylin Sanchez

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## Education

### UNIVERSITY OF SOUTH FLORIDA

Tampa, FL

*Bachelor of Science in Computer Science*, GPA: 3.53/4.0

August 2022

**Relevant Coursework:** Database Design, Software Engineering, Analysis of Algorithms, Data Structures, Object Oriented Design, Computer Architecture, Automata Theory and Formal Languages, Operating Systems, Secure Coding, Embedded Systems

## Technical Skills

**Programming:** C++, C, C#, Python, JavaScript, ReactJS, SwiftUI, SQL

**Operating Systems:** Windows, MAC OS X, Linux Command Line

**Environments:** Visual Studio 2019/ VS Code, PyCharm, XCode, MobaXterm, Xcode, Code Composer Studio

**Tools:** Git/GitHub, Jira, Figma, Lucidchart

## Projects

### SUNVIEW SOFTWARE

Tampa, FL

**Elasticsearch Management Utility - Angular, USF CSE Project**

August – December 2021

- Designed and developed the front end of a utility that automates index management procedures to help clients maintain their Elasticsearch distribution.
- Worked closely with the SunView sponsor incorporating Agile-based methodology.
- Collaborated in a four-person team to complete the web application and its documentation.

### TAMPA SNAKES

Tampa, FL

**Snake Deeds Web App | ReactJS + MySQL**

May 2022 - Present

- Designed full-stack web application that snake breeders can use to generate documents containing pertinent information relevant to the sale of a snake.
- Incorporated APIs such as react-qr-code and react-pdf to render downloadable documents that are accessible by snake owners.
- NodeJS + Express back-end, ReactJS front-end.

### PERSONAL PROJECT

Tampa, FL

**Makeup Routine iOS App | SwiftUI + Firebase**

October 2022 - Present

- Developing an app where users can catalog products, create routines, and share them with others.
- Built using Swift/SwiftUI, Firestore Cloud Database, and Firebase Authentication.

## Involvement

### USF ENGINEERING EXPO

Tampa, FL

**Volunteer**

February 2020

Aided in presenting the Society of Competitive Programmer's 2020, "Turning Brain Waves into Art" interactive project to K-12 students in the Tampa Bay area.

### CLUBS AND ORGANIZATIONS

January 2019 - August 2022

**Member of Society of Competitive Programmers, Women in Computer Science and Engineering**

Attend weekly workshops hosted by the Society of Competitive Programmers. Participated in mentoring luncheons hosted by WiCSE to connect with women tech leaders.