

## Personal Info

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[LinkedIn](#)  
[GitHub](#)  
[My-Website](#)

## Skills

- Git
- APIs

## Software

- Windows
- Linux

## Frameworks

- CodeIgniter
- React
- Python Flask
- AWS
- Drupal
- Bootstrap

## Languages

- HTML
- CSS
- XML
- PHP
- JavaScript
- Python
- C#
- Java
- SQL
- SQL Alchemy
- MySQL
- MSSQL
- R
- MATLAB

# Felix Fernandez

Innovative, deadline-driven Full Stack Developer with 3+ years of experience with a passion for technology and problem solving. A creative and organized coder, simplifying processes to make them more efficient for the client. A motivated self-learner, staying current in the relevant skills of today with the aptitude and interest to learn older languages when needed to maintain or update current systems.

## Work Experience

### **Full Stack Developer (Computer Programmer)**

**Sept.2019 — Present**

Southern Connecticut State University | 501 Crescent St, New Haven, CT 06515

- Responsible for programming and updating web apps, department website (s), applications, and databases.
- Re-structured and re-designed the web apps to the databases.
- Created and edited forms to be uploaded on various servers and/or websites.
- Consolidated 12 databases into one comprehensive database to optimize work-flow and application maintenance.
- Maintained and managed the Guest Sign-in System utilizing PHP and MySQL databases.
- Updated and managed the student Staff Portal utilizing Java Script.
- Managed and updated Student Sign in System utilizing APIs for data retrieval and Cron-Jobs to push data and automate processes.
- Modified and maintained the Staff Admin Portal, debugged and modifying the schema to better manage onboarding of new staff.
- Upgraded entire system to new server.
- Developed and updated websites, front and back end.
- Created Cron Jobs, using Linux to generate notification actions.
- Created and implemented a fully functional developer instance for developers to test without touching the live sites.
- Created backups to the system using Git.
- Documented processes in Confluence.
- Currently the team leader of the developers in the department.
- Train new student programmers for Department of Residence Life.

## Education

### **Southern Connecticut State University**

**Expected. Dec 2022**

Bachelor of Science in Computer Science

- Math minor
- Computer SC

### **UConn**

**From. 2018-2019**

Associate of Engineering in Mechanical Engineering

- Math minor
- CS minor

# Felix Fernandez

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## Proficiencies

- Written and Verbal Communication
- Security and Encryption protocols
- SQL like languages
- Internet Standards
- MVC Frameworks

## Extra Curricular

### Computer Science Club

- CS students given 2 problems per week to solve
- Talk about new concepts
- Troubleshoot problems

### CS Peer Tutoring

- For Algorithms of Software Design and Development Course

## Projects

### Air Message

- Instant messaging web application
- Created a chat room encrypted end to end where users can make a username to identify and join a room with a room number
- Built using python HTML, CSS, JavaScript, Flask and Socket IO
  - Showcased on GitHub — [https://fj99.github.io/My-Projects/Python\\_Chat/](https://fj99.github.io/My-Projects/Python_Chat/)

### Daycare System

- Daycare web application
- Created a website where parents can go in register/sign in, and register their children for daycare and a way to contact the employee in charge of their child. Employees can also register/sign in to select when they can work, and the system will then give them the kids available to take care of and they have access to those kids information, as well as the parent's information to contact them.
- Built using HTML, CSS, PHP, JavaScript
  - Showcased on GitHub — [https://fj99.github.io/My-Projects/Daycare\\_System/](https://fj99.github.io/My-Projects/Daycare_System/)

### 360-Tour

- A Virtual tour of the university
- Created a virtual tour for the university where you can virtually walk around the campus including the inside of buildings and some rooms.
- Made with HTML, CSS, JavaScript, Google API
  - Showcased on GitHub — <https://fj99.github.io/My-Projects/360-tour/>

### Collaborative Information Center

- A job web application
- Created a web-app that lets employers post job listings and employees apply. This app (website) lets the user register, and must verify email after, the employer gets to create a job listing for employees to apply to and there's an email notifying them of everything as well as the employer can see all the employee's information.
- Made with HTML, CSS, JavaScript, PHP
  - Showcased on GitHub — [https://fj99.github.io/My-Projects/Job\\_App/](https://fj99.github.io/My-Projects/Job_App/)

### Card App

- App to keep track of temporary ID cards the university uses
- Created an app for the University of Southern Connecticut State University to keep track of the temporary ID cards they give out to residents who live on campus or students who are simply having trouble with their ID and will be given a temporary ID until their issues are fixed.
- Made with CodeIgniter, HTML, CSS, PHP, JavaScript
  - Showcased on GitHub — <https://fj99.github.io/My-Projects/Card-app/>