Matthew Fenimore Brown

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4980 Fulton Place, Murrells Inlet, SC

**EDUCATION**

FLORIDA TECH (FLORIDA INSTITUTE OF TECHNOLOGY)

Major: Computer Science

Minor: Cyber Security

GPA: 3.57 - 102 hours completed

Graduation Date: May 2023

**SKILLS**

Fluent in Python and C

Familiar with Ada, Ruby, Rust, HTML, CSS, JavaScript, C#, React

**EMPLOYMENT**

Horry County IT Department

2021 Summer Internship

* Supported team with updating the company’s webpage
* Worked in ASP.net, C#, and Java Script adding search features, sorting indicators and paging/pagination to SQL database

**PROJECTS**

Dynamic Breadth First Search Algorithm Simulation (Python)

* Python implementation of BFS with dynamic walls for user creativity

Chess Neural Network to predict outcome based on a FEN string (Python, TensorFlow)

* A TensorFlow neural network trained on many different models and hyperparameters

Student Database Application to store or search students’ information by an ID (Python, SQL)

* School assignment where we used SQL to store student data and PYQT5 for the UI

Song Recommendation System (C)

* School assignment where given students song ratings, suggest songs for the user.

**HONORS AND AWARDS**

2020 & 2021 - George Jenkins Scholarship

2020 & 2021 - Florida Tech Dean’s List - Spring

2020 & 2021 - Sunshine State Conference Honor Roll

2020 - Phi Eta Sigma National Honor Society

2019 - Florida Tech Dean’s List - Fall

2018 - Palmetto Boys State Delegate – American Legion Boys State is among the most respected and selective educational programs of government instruction for U.S. high school students.

**EXTRACURRICULAR ACTIVITIES**

2019 - 2021 Florida Tech Golf Team

2020 - 2021 Florida Tech Day of Giving – prepared lunches to help feed kids on the weekend

2019 - 2021 Scott Autism Fundraiser – participated in a golf-a-thon to raise money for autism

2018 - 2021 Dustin Johnson Golf School - Summer Junior Golf Camp Instructor