

# Mackenzie Falla

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## EDUCATION

**Florida Atlantic University, Boca Raton, FL**

**May 2026**

*Bachelors of Science in Computer Science*

- GPA: 3.2
- Dean's List: 2022

### **Relevant Coursework:**

- Introduction to Programming, Foundations of Computer Science, Data Structures, Design Analysis, Algorithm Analysis, Stochastic Processes/Random Signals, Computer Operating Systems, Theory of Computation, Principal of Software Engineering, Intro the Data Science

## WORK EXPERIENCE

**Southern Fire Control | Pembroke Pines, FL**

**Jun. 2022- Present**

*Billing Manager*

- Assisting staff with various technological projects utilizing Quickbooks, Monday, Microsoft Excel, ADP, Procore, PEM, and Textura.
- Conduct payroll entry, audit invoices, annual job cost reports, IRA Security benefit checks and timesheet management
- Billing for all Project Managers and job cost analysis

**15 Street Fisheries| Fort Lauderdale, FL**

**Feb. 2017 - Jun. 2022**

*Hostess*

- Ensured guests received the best service throughout their entire dining experience
- Worked efficiency to ensure guests received the best customer service and the ability to work in a fast paced environment
- Effectively managed guests and seating throughout the 3,000 square foot facility
- Managed daily reservations for all types of parties using HotSchedules and OpenTable

## ACADEMIC PROJECTS

**Fundamentals of Engineering**

**Aug- Dec.2020**

*Robotic Car*

- Created an Arduino-based Robotic Car and programmed an IR remote control to be operated by any user
- Utilized multiple sensors, jumper wires, and motors to successfully program the car with no user errors
- Implemented Arduino IDE, C++

**Principle of Software Engineering**

**Jan.2024- Jun.**

*Project 911*

- This project was created to ensure that everyone has the ability to contact emergency services during crises, regardless of their situation or disabilities.
- Using use-cases and Activity Diagrams was the way I chose to illustrate the process flow and to ensure that the system design is accessible and efficient for various scenarios.

## TECHNICAL SKILLS

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- Programming Languages: C/C++, Java, JavaScript, SQL, Python
- Operating Systems: Linux, UNIX, UNIX shell, Visual Studio, WordPress
- Software: MS Project, MS Office, MS Excel
- Soldering