

Ryan Bussert - Software Engineer

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Education

Florida Gulf Coast University

Bachelor's degree in Software Engineering

Fort Myers, FL

Graduation Date: May 2026

Relevant coursework: Programming, Data Structures, Computer Security, Digital Systems & Architecture

Study Abroad - Università degli Urbino di Carlo Bo

Urbino, Italy

Completed a semester abroad studying photo-journalism and Art History of the Renaissance.

Jan - May 2022

Iowa State University

Ames, IA

Studied Journalism and Mass Communications

Aug - Dec 2021

Projects

Algo-Trader

- Implemented advanced technical analysis and developed complex backtesting algorithms to meticulously analyze extensive datasets. Specialized in probability calculations and algorithm optimization for data querying, emphasizing the use of the Alpaca API for financial data analysis.
- engineered a dynamic web interface using HTML and CSS, seamlessly integrated into a NodeJS server for real-time data presentation and interaction.

NLP-Chatbot

- Developed an NLP-based chatbot using PyTorch and Python, focusing on intent recognition and response training for improved interaction.
- Enhanced processing speed by optimizing tokenization and data preprocessing on large datasets.

My-Street

- A Geo-Location-based social network mobile application utilizing complex SQL database queries, JavaScript sorting algorithms, and AWS integration.
- Flutter/dart front end and NodeJS backend, Image handling and asynchronous server communication.

Work Experience

Starbucks

Estero, FL

Barista

April 2022 - present

Excelled in service-oriented position. Provided a premium customer experience and attracted recurring customers.

Taco Bell

South Elgin, IL

Shift Manager

Mar 2019 - Jan 2020

Honed strong leadership and collaborative skills, effectively managing team dynamics and customer service in a high-pressure environment.

Activities

Software Engineering Club

Aug 2023 - Present

Enhanced coding and problem-solving skills through LeetCode challenges, organized industry professional talks for career insights, and collaborated on interdisciplinary projects with peers.

Iowa State Daily - Reporter

Aug - Dec 2021

Conducted in-depth research and interviews over a number of news stories. Collaborated effectively with editors and photographers in creating accurate and engaging content under strict deadlines.

FGCU Chamber Choir

Aug 2023 - Present

Collaborated as a key member of an auditioned university choir, enhancing teamwork and communication skills through rigorous practice and performance schedules.

Skills

Languages: Proficient: Javascript, C++, Dart, Python, HTML/CSS **Familiar:** Java, Swift, C, C#

Technicals: SQL, Natural Language Processing, Git/Github, Flutter, PyTorch, MongoDB, JSON, Firebase, TensorFlow