

BENJAMIN DELEUZE

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EDUCATION

Florida Gulf Coast University
Bachelor of Science in Software Engineering

Fort Myers, FL
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TECHNICAL SKILLS

- Proficient in Java and C++.
- Experience with GUI(JavaFX), SQL, C, Javascript, HTML, and CSS.
- Knowledgeable in Databases, Discrete-event Simulation and evaluation of computational runtime.

PROFESSIONAL EXPERIENCE

eCoast Networks

IT Manager

Pompano, FL
June-August 2017; May-September 2018; June-August 2019

- Worked onsite and remotely on the repair of Windows machines.
- Configured backup and installation of Azure servers.

PROJECTS

Website

- Designed and developed a website using HTML and CSS.
- Link to website - <https://deleuze199.github.io>

Watering System

- Created an automated garden watering system.
- The system utilizes a Raspberry Pi and water solenoid to determine the moisture content of the soil.
- C was used for Raspberry Pi development.
- Currently collaborating with the FGCU Electrical Engineering Department to integrate a servomotor to allow for watering separate sections of the garden.
- The next iteration will include an email notification feature for live updates of the garden status.

Cooking Application

- Developing a cross-platform, mobile application for recipe and cooking assistance.
- The application utilizes the .NET framework and Xamarin.Forms library for development on the iOS and Android platforms.
- The application will allow users to search for recipes and will walk the user through the selected recipe using the mobile device's native virtual assistant.
- A shopping list and ingredient tracking feature will be added to help the user keep track of all the needed ingredients.

Find A Group

- Designed and produced a JavaFX program that is made for a group of people (such as a school) to organize and inform others about meeting times, places and roles a club/group.
- The program allows members to view the meeting times, places and roles of the club/group they have joined. Find A Group gives the ability to set and changing meeting times, places, and roles of a club/group to the staff member(s) of the club/group.
- Link to GitHub - https://github.com/deleuze199/Find_A_Group

Production Line Tracker

- Developed a GUI program with JavaFX that is made for a media player production facility that will keep track of what products are produced.
- The GUI allows a user to add new products that are able to be produced and store them in a collection.
- The program also allows a user to track the production of products, including specifying how many items of that product were created. The program will then create a record for each of these items and store them in a collection.
- Link to GitHub - <https://github.com/deleuze199/ProductionLineTracker>

Text To PDF File Converter

- Implemented the file input/output functionality for a team project.
- This project was written C++