



CLAIRE BOGDAN

Software Engineer

CONTACT

- ✉ bogdanclaire@gmail.com
- 🌐 clairebogdan.com
- 🌐 linkedin.com/in/clairebogdan
- 🌐 github.com/clairebogdan
- 🏠 Columbus, OH 43201

EDUCATION

BACHELOR OF SCIENCE: COMPUTER SCIENCE

September, 2020

Western Governors University

BACHELOR OF SCIENCE: MUSIC EDUCATION

May, 2017

University of South Carolina

TECHNICAL SKILLS

Languages: Java, Python, SQL, HTML, CSS, JavaScript, C++

Platforms/Frameworks: GitHub, Heroku, Flask, Bootstrap, ReactJS, JavaFX

Databases: Oracle SQL, MySQL, SQLite

Tools: VS Code, NetBeans, PyCharm, Jupyter Notebook

CERTIFICATIONS

- Oracle SQL Certified Associate
- ITIL Foundations
- CompTIA Project+
- CIW Site Development Associate

SUMMARY

Recent computer science graduate passionate about software engineering and development. Experienced leader, former public middle school teacher, and oboist. Proficient in modern technologies such as Python and Java.

PROJECTS

PerfectFit | Website / Web Application | Python, Flask, Heroku, SQLite

🌐 <https://perfectfit-wgu.herokuapp.com>

- Received the **Capstone Certificate of Excellence Award** from Western Governors University.
- Users can find out what careers would be most satisfying for them based on their Myers-Briggs personality type.

Appointment Manager | GUI Application | Java, JavaFX, MySQL

- Designed my own interactive GUI that allows users to manipulate MySQL database data. Users can add/modify/delete customers and appointments, create reports, and view a calendar of appointments.

Inventory Manager | GUI Application | Java, JavaFX

- Created a GUI that allows users to manage business inventory. Users can add/modify/delete parts and products from the inventory.

Instrumentation Calculator | Web Application | Python, Flask, Heroku

🌐 <https://beginner-band.herokuapp.com>

- Users can enter their number of beginners coming into their band program and select 1 of 3 different instrumentation distributions. Users quickly see results of the calculations.

Package Delivery System | CLI Application | Python

A variation of the "Traveling Salesman Problem"

- Used a chaining hash table, graph data structure, and greedy algorithm to deliver all packages to the correct addresses on-time and with the minimum amount of miles traveled.

WORK EXPERIENCE

FREELANCE OBOIST

Bogdan Reeds (Self-Employed) | Jun 2019 - Sept 2020

- Established a private lesson studio and oboe reed making business.
- Taught private oboe lessons to middle and high school students.
- Sold handmade oboe reeds to oboists across the country.

BAND DIRECTOR

DuBose Middle School | Jul 2018 - Jun 2019 | Summerville, SC

Westglades Middle School | Jul 2017 - Jun 2018 | Parkland, FL

- Taught 220+ middle school band students.
- Responsible for directing and managing a band parent organization.
- Organized fundraisers, events, concerts, and field trips.