

Daniel Cloherty

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EDUCATION

University of Minnesota Duluth

Bachelor of Science in Computer Science, Minor in Math

Duluth, MN

Aug. 2018 – May 2022

Normandale Community College

Associate's of Science in Computer Science

Bloomington, MN

Jan. 2016 – Jan. 2018

TECHNICAL SKILLS

Languages: Python, Java, SQL (Postgres), JavaScript, C

Frameworks: Flutter, Node.js

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, OpenCV, discord.py

PROJECTS

Discord Matchmaking Bot | *Python, PostgreSQL*

April 2019 – May 2020

- Built a bot with Python that connected Discord users together to create balanced matches for a variety of games
- Wrote a routine that connected to the Discord API to programmatically manage the creation and assignment of channels and roles for matches
- Created a system for logging past matches and their results with PostgreSQL

Screenshot Parser | *Python, OpenCV, Tesseract*

May 2020 – June 2020

- Developed a tool for tabulating statistics from screenshots using Tesseract's machine vision tools.
- Used OpenCV to algorithmically preprocess imagery to improve optical character recognition results

Software Engineering CS 3541 Final Project | *Javascript, Flutter, Dart, PostgreSQL*

Nov. 2021 – Dec. 2021

- Designed and implemented database schema for mini social media app in PostgreSQL
- Used Javascript to create back end API for accessing database
- Managed group of four students to extract maximum results via Agile methodology.

EXPERIENCE

Store Associate

May 2014 – Aug. 2018

Cub Foods

Northfield, MN

- Consistently maintained rigorous department standards
- Provided meticulous customer service and satisfaction

Campus Dispatch

Aug. 2013 – Jan. 2014

Gustavus Adolphus

St. Peter, MN

- Answered high stake radio and phone calls in a calm professional manner
- Operated dispatch software logging officer activity
- Performed office administrative duties and customer service concurrently with dispatching duties