



DANIELLE CRASIUC

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Summary

Ambitious computer science student at the University of Michigan, committed to academic excellence. Prepared to implement diverse skill sets, technical proficiencies, and new perspectives to leadership personnel. Motivated to apply current programming abilities. Eager to learn new skills and advance knowledge with hands-on experience. Proficient in C++ with advanced interpersonal abilities.

Skills

- | | | |
|----------|------------------------|--------------------|
| • C++ | • Gitlab/Github | • Contract Writing |
| • HTML | • Public Speaking | • Factor Analysis |
| • Python | • Microsoft Excel | • Adaptability |
| • MySQL | • Interpersonal Skills | • Collaboration |

Projects

Machine Learning Program

April 2020

Created a program that classifies the posts from the online platform, Piazza, according to the topic. Used artificial intelligence and natural language processing to program machine learning, worked with maps, binary search trees, and sets to facilitate the classification

Euchre Program

February 2020

Created a program modeling the complex Euchre game, which involved creating interactive computer players, and using input from human players. Utilized polymorphism, inheritance, and dynamic memory in C++.

Computer Vision Program

January 2020

Individually worked on an image-resizing program in my EECS 280 course in C++, which required implementing a seam carving algorithm of the pixels to support content aware image resizing.

DJ-183 Website

November 2019-December 2019

Worked with a team to create a music quiz app. Learned to integrate back end programming, Flask and Python, with front end programming, HTML, and experimented with design elements. This project required self teaching and exploration of new languages and web development.

Experience

Good News Gang | Detroit, MI

Tutor Volunteer

08/2017 - 08/2019

- Assessed educational needs and incorporated fun and exciting activities to improve students' reading skills for students in inner city of Detroit.

Filip Architectural Design Inc. |

Farmington, MI

Project Specialist

04/2017 - 08/2019

- Enhanced traceability by processing, reviewing developed organization systems for projects.
- Prepared contracts and quotes based on blueprints provided, and presented those to customers.

Education

University of Michigan - Ann Arbor | Ann Arbor, MI

Bachelor of Science in Computer Science

Expected in 04/2022

Troy Athens High School | Troy, MI

High School Diploma

05/2019

Languages

Romanian - Native Proficiency

French - Professional Working Proficiency

References

Available upon request.