

Edward (Ed) E. Opich III
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OBJECTIVE: To gain co-op education as a software developer. Available whenever, if not currently enrolled in courses or on co-op.

EDUCATION:

Rochester Institute of Technology, Rochester, NY
Bachelor of Science in Game Design and Development, expected May 2019
GPA 3.4

Honors and Awards:

- Dean's List Fall 2015, Spring 2016, Spring 2017
- RIT Presidential Scholarship

PROJECTS:

Apocalyptic Pizza Dash

- An arcade-style beat-em-up video game with scaling difficulty based on game-length. Tasks included programming collision between entities, setting up the code architecture, building a level design tool, and programming animation functionality. Done in C# using MonoGame, developed from 1/31/16 to 5/15/16.

Motorola 68000 Disassembler

- A program that converts binary code into M68K Assembly code. Tasks included file I/O, parsing command line input, and writing the finite state machine to parse every possible CPU instruction. Done in C++ using only standard libraries, main functionality developed from 4/17/17 to 6/15/17, additional functionality ongoing.

SVG Tetris Clone

- A web-based clone of the game "Tetris" using SVG for graphics. Tasks included programming collisions, and developing a good format for tetromino shapes, all while having never programmed a Tetris clone before, having only basic knowledge of both SVG and Javascript. Developed in 7 hours using primarily Javascript, with some HTML and CSS.

RELATED COURSES:

- Game Development and Algorithmic Problem Solving II
- 2D Animation and Asset Production
- College Physics I
- Math Graphical Simulation I

SKILLS:

- Programming Languages: C++, C#, GML, M68K Assembly Language
- Other Computer Languages: HTML5, CSS, Javascript
- Software: Microsoft Excel, Sony Vegas, Audacity, Unity, Autodesk Maya 2016, Game Maker 8, Visual Studio 2015, Github Desktop, Microsoft Office, Photoshop

EXPERIENCE:

Grace Watson Hall
Student Worker

Rochester, NY
September 2015 - December 2015

- Performed various tasks assigned by the Manager; examples included serving, cooking, and cleaning