

Nicholas R. Hamilton

1202 College Ave, Apt 8, Houghton, MI 49931-1196
507-993-5105 | nrhamilt@mtu.edu | nrhamilton.com

EDUCATION

Michigan Technological University, Houghton, MI

B.S., Computer Science

Minor, Mathematical Sciences

Department GPA: 4.00

Cumulative GPA: 3.79

Recipient of six Dean's List honors

Member of Upsilon Pi Epsilon honor society

September 2016 - Present

Expected Graduation: December 2019

PROJECT AND RELATED EXPERIENCE

Husky Game Development Enterprise

January 2017 - December 2018

Independent work:

- Cross platform 3D game engine development from the ground up using Java and OpenGL

Team lead in charge of game development group:

- Team communication using GitHub, Slack, Taiga, and Google services
- Collaborate using Scrum and Agile development processes

Personal Projects

2007 - Present

C, C++, and Java for work with projects including:

- Machine learning
- 2D and 3D physics simulations
- 3D graphics and procedural generation

Computer Skills

- Fluent in C, C++, Java, JavaScript
 - Familiar with C#, Python, HTML, CSS, SQL, Linux
 - Proficient in software design and development
 - Experience with concurrent computing and databases
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WORK EXPERIENCE

Full Stack Developer Intern

May 2019 - December 2019

IBM, Rochester, MN

- Work in Agile, collaborative environment
- Develop tools for migrating WebSphere applications

Computer Science Learning Center Coach

September 2018 - April 2019

Michigan Technological University, Houghton, MI

- Teach students material from various computer science courses
- Assist students with homework and studying for exams

Software Developer

August 2018 - November 2018

Michigan Technological University, Houghton, MI

- Paid project for computer science professor
- Presentation software using 24 monitors and 8 computers including video and audio

Computer Science Lab Teaching Assistant

September 2017 - December 2017

Michigan Technological University, Houghton, MI

- Help students learn C in a lab setting
- Grade assignments and exams