Nicholas R. Hamilton

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

EDUCATION

Michigan Technological University, Houghton, MI   September 2016 - Present
B.S., Computer Science   Expected Graduation: December 2019
Minor, Mathematical Sciences
Department GPA: 4.00
Cumulative GPA: 3.80
Recipient of five Dean's List honors

PROJECT AND RELATED EXPERIENCE

Husky Game Development Enterprise   January 2017 - December 2018
Independent work
- 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

Self Study   2007 - Present
C, C++, and Java for work with projects including:
- 3D Graphics
- Machine Learning
- Procedural Generation
- Physics Simulations

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

WORK EXPERIENCE

Computer Science Learning Center Coach   September 2018 - Present
Michigan Technological University, Houghton, MI
- Teach students material from various computer science courses
- Assist students with homework and studying for exams

Display Wall Software Developer   August 2018 - November 2018
Michigan Technological University, Houghton, MI
- Work on display wall slideshow program using OpenGL
- Paid project for computer science professor

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