

**Nicholas R. Hamilton**  
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## EDUCATION

**Michigan Technological University, Houghton, MI**  
**B.S., Computer Science**  
**Minor, Mathematical Sciences**  
Department GPA: 4.00  
Cumulative GPA: 3.80  
Recipient of five Dean's List honors

**September 2016 - Present**  
**Expected Graduation: December 2019**

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## 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

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## 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