Samuel T. **Jahnke**

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"Be the change that you want to see in the world."

Education

California Polytechnic State University   *San Luis Obispo, California*

B.S. in Applied Math and Computer Science   *Expected Summer 2019*

- 3.86 GPA

Skills

Programming	C/C++, C#, Java, Python, HTML, Javascript, Bash, LaTeX
Software	Linux, Git, Emacs, Unity 3D
Projects	OpenGL, Databases, AI, Inverse Kinematics

Experience

Game Developer   *Menomonie, Wisconsin*

Independent   *Summer 2016 - Present*

- Winner of University of Wisconsin-Stout spring game jam.
- Create smooth gameplay, highly optimized performance, and custom game elements such as dynamic mesh generation, custom shaders, and real-time scene loading/culling by using Unity and a strong grasp of C#.

Lifeguard / Swim Trainer   *Albert Lea, Minnesota*

City Aquatic Center / City YMCA   *Summer 2018*

- Stayed alert and focused for several hours at a time while communicating as a team to ensure a summer free of incident or injury.
- Worked hands on with advanced swimmers, drastically improving their swim speeds.

Advanced Math Tutor   *Menomonie, Wisconsin*

University of Wisconsin - Stout   *Mar. 2016 - Exp. Jun. 2017*

- Displayed mastery of calculus and linear algebra by breaking down advanced mathematical concepts to a less technical audience.
- Worked at an intense, high energy pace by balancing several students' questions and concerns simultaneously in a packed tutor lab.
- Improved individual student grades by providing personalized attention.

Javascript Developer   *Twin Cities, Minnesota*

Shotgun Express, Inc   *Fall 2018*

- Independently created javascript app to calculate price of delivering various shipping pallets to various places around the twin cities. Prices are retrieved automatically from a Google spreadsheet to allow non-technical personnel to edit prices when needed. Removed the need to reference several tables to find the correct price, dramatically improving the efficiency of the operation.

IT Assistant   *Alden, Minnesota*

Alden-Conger High School   *Summer 2016*

- Helped expand fibre optic network by setting up new network switch in new facility.
- Set up and organized new faculty computers and computer lab by introducing a powershell script.