

Samuel T. Jahnke

(+507)399-6195 | samueljahnke6@gmail.com | asamwow@github.com

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

Education

California Polytechnic State University

NATIONAL EXCHANGE PROGRAM

San Luis Obispo, California

2018-2019

University of Wisconsin Stout

B.S. IN APPLIED MATH AND COMPUTER SCIENCE

- 3.82 GPA

Menomonie, Wisconsin

2016-2019

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

INDEPENDENT

- 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#.
- Experience in pure C++/OpenGL and custom shaders from independent project "Big Crystals" on github.

Menomonie, Wisconsin

Summer 2016 - Present

Lifeguard / Swim Trainer

CITY AQUATIC CENTER / CITY YMCA

- 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.

Albert Lea, Minnesota

Summer 2018

Advanced Math Tutor

UNIVERSITY OF WISCONSIN - STOUT

- 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.

Menomonie, Wisconsin

Mar. 2016 - Exp. Jun. 2017

Javascript Developer

SHOTGUN EXPRESS, INC

- 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.

Twin Cities, Minnesota

Fall 2018

IT Assistant

ALDEN-CONGER HIGH SCHOOL

- 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.

Alden, Minnesota

Summer 2016