

Logan Heying

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www.github.com/MidwestGames

EDUCATION

IOWA STATE UNIVERSITY Ames, Iowa August 2019 – Present

- Bachelor of Science – Aerospace Engineering (Spring 2023)
- GPA: 3.33/4.00
- Dean's List - Spring 2021

BISHOP GARRIGAN HIGH SCHOOL Algona, Iowa August 2015 – May 2019

- GPA: 3.93/4.00
- Involved in: Concert/Marching Band, Concert Choir, Academic Bowl, Speech and Drama

EXPERIENCE

PFEFFER PRECAST Algona, Iowa May 2020 – August 2021

Welder and Concrete Technician

- Increased septic tank production from 3 tanks to 5 tanks a day
 - Decreased process time by 30% through weld time and concrete pour efficiency
- Learned material properties of different steel rods and concretes
- Designed an A-Frame crane hoist
 - Designed and drafted engineering drawings
 - Material selection

INTEL CORPORATION Rio Rancho, New Mexico November 2021 – Pres.

Wet-Spray Capacity Industrial Engineer

- Tool-based analysis of throughput to keep capacity whole
 - Using various metrics and information from production team
- TCO (Total Cost of Ownership) of major tool changes
- Created standard template of analysis for Wet-Spray tool groups
 - Using Excel and Visual Basic to dynamically update with new data
- Completed requested capacity analysis based on module suggestion to improve cycle times

MIDWEST GAME DEVELOPMENT

January 2020 – Pres.

- Software and game development studio
- Created Java based game engine (WIP) using LWJGL and JBox2D
- Various other software seen on Github (See above link)

TECHNICAL SKILLS

- SolidWorks, Blender, Microsoft Office Suite, Adobe Creative Suite
- Python, MATLAB, Java, C#, SQLPathfinder, JMP

ACTIVITIES

- Iowa State Naval ROTC: August 2019 – August 2020
 - Awarded National 4-Year Scholarship, declined