Jacob Buelow

Talented and experienced software engineer and game developer with years of experience working on teams using agile methodology to rapidly design, develop, test and deliver on project requirements. Currently pursuing a bachelors degree in computer science.

Experience

2023

Kintsugi 3D / University of Wisconsin - Stout in Menonmonie, Wisconsin

COMPUTER SCIENCE RESEARCH ASSISTANT

Software Engineering internship building sofware for the archival and distribution of high-fidelity 3D cultural heritage object captured using photogrammetric processes.

2018–CURRENT

Granite Peak Ski Area in Wausau, Wisconsin

ALPINE EQUIPMENT RENTAL TECHNICIAN

Responsible for safely sizing and fitting boots, skis and snowboarding equipment according to each guest's height, weight, and skill level, as well as maintaining equipment inventory and repairing equipment where neccessary.

2022

University of Wisconsin Stout in Menomonie, Wisconsin

GAME SOFTWARE ENGINEER (STARLIGHT POSTAL)

Gameplay, audio and UI programmer for university game development project, presented at Stout Game Expo 22.

2021

Wausau Coated in Wausau, Wisconsin

SHIPPING ASSISTANT

Handling incoming and outgoing shipment of palletized material and product, keeping a central inventory system up-to-date, and handling of shipping manifests.

2017–2019

National Science Foundaton grant program, EMMET in Wausau, Wisconsin

STEM+C ACTIVITY FACILITATOR

Developing and iterating on youth activities to teach STEM principals, organizing and facilitating events with many STEM activities for youth in rural Wisconsin.

CONTACT

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jbuelow.com
Wisconsin, USA

EDUCATION

2020–2024

BS Computer Science & Mathematics

UNIVERSITY OF WISCONSIN - STOUT
Menomonie, WI - 3.6 GPA

2020

High School Diploma

DC EVEREST IDEA CHARTER
Weston, WI

TECHNICAL SKILLS

- Programming in C, C++, C#, Java, Python, HTML, JS, CSS, PHP, SQL, GLSL
- Unity, Unreal Engine and Godot game engines
- FMOD Studio audio middleware
- Git, Subversion and Perforce version control systems
- Windows & Linux Operating Systems
- Visual Studio, IntelliJ and Eclipse IDEs
- Agile & Scrum

AWARDS & HONORS

2021, 2022

UW-STOUT DEANS LIST

2020

AL & CHRIS HANNAH EAGLE SCOUT SCHOLARSHIP

2020

BSA EAGLE SCOUT