Joshua Sooaemalelagi

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| https://github.com/nortories

Summary
Energetic Software Engineering student with a strong understanding of computer technologies. Has significant experience in educational roles, including managing large classes, executing tutorials, enhancing course materials, and leading

Education
Pursuing   2019 - Present

Bachelors in Software Engineering & Web Minor| BYU-Idaho | Rexburg, ID
- Current Major GPA: 3.967
- Expected Graduation Dec 2024

Technical Skills
Python, C#, C++, Bash, HTML, CSS, Javascript, SQL, Git/Github, AWS, SolidWorks, Unity, Godot, Unreal

Experience
Teaching Assistant (TA) | *Brigham Young University-Idaho* / Rexburg, ID   October 2023 - Present

Accredited University for higher education
- Managed and graded assignments for classes, exceeding 100 students, giving timely and accurate feedback
- Directed tutorial sessions and provided one-on-one assistance, to students improving comprehension
- Collaborated with faculty in course reviews, contributing to continuous improvement of content

Lab Director | *BYU-I/Tutoring Center* / Rexburg, ID   April 2023 - Present

Providing tutoring services for students
- Oversaw daily operations of the CS/SE/CIT tutoring lab, ensuring efficient management of resources and a conducive learning environment for students
- Led a diverse team of coordinators, tutors, and volunteers, providing guidance and support to enhance tutoring services for over 60 students weekly
- Created and implemented strategies to improve tutoring services in areas for Computer Science, Software Engineering, CIT, programming, and database management
- Collaborated with academic departments to align tutoring services with course objectives

Waterproofing Foreman | *United Roofing* / Calgary, AB   February 2018 - December 2022

Specialists in high-quality commercial build envelope services
- Experienced with maintaining dozens of different construction sites simultaneously with zero incidents
- Specialized in below grade foundations, building cores sealing's for high rise buildings

Projects
Software Developer | *Task Tracker App* / Rexburg, ID   January 2024 - Present
- Built a task tracker app in python using Tkinter with bootstrap.
- Application is used to manage and track amount of time spent on tasks, increasing personal productivity and awareness

Project manager | *BYU-I Hackathon* / Rexburg, ID   October 2023 - October 2023
- Awarded 3rd place in a 24hr hackathon out of 100+ participants
- Built, programed, and 3d printed, to assist in communications though interactions of custom hardware & software

Mobile app creator | *Child education app* | *BYU-I* / Rexburg, ID   April 2023 - June 2023
- Designed interactive mobile interfaces for helping elementary students practice mathematics in a fun and engaging way, increasing students math's skills in addition
- Constructed education mobile applications using Unity framework and utilized object-oriented programming (OOP) principles to create a modular and extensible game framework