

Jacob L. Smith

Salt Lake City, Utah

(801) 660-9053

jacoblewsmith@gmail.com

www.linkedin.com/in/jacob-l-smith

EDUCATION

Bachelor of Science: Computer Science

University of Utah, Salt Lake City, UT May 2023

GPA: 3.34

Associate of Arts: German

Weber State University, Ogden, UT Dec 2018

Elective Coursework

Artificial Intelligence, Computer Networks, Mobile Apps, Databases, Creative Engineering, Digital Circuits

WORK EXPERIENCE

University of Utah, Salt Lake City, UT

Teaching Assistant Aug 2022 - May 2023

- Led lab sessions for groups of ~20 students
- Taught students learning C++ and Python

Sarcos, Salt Lake City, UT

Software Engineering Intern Jun 2022 - Aug 2022

- Built robot pre-check service using Python with Poetry, Docker, and GitLab CI
- Gathered requirements from project stakeholders to prioritize project features

Quilts and More, Layton, UT

Technology Consultant Oct 2021 - Aug 2022

- Designed and built business tools using spreadsheet formulas and Google Apps Script
- Upgraded and automated inventory design to reduce manual entry and simplify tax filing

PDCflow, Ogden, UT

Software Developer Jan 2020 - Oct 2021

- Used Java, Spring, and SQL to develop and maintain backend web services
- Helped customers directly with API support requests
- Designed and developed a new automated customer signup process using JavaScript

Test Automation Intern

Aug 2019 - Jan 2020

- Improved and developed automated test suites using Pytest with Selenium WebDriver

SKILLS

Languages

Python, C#, Java, C++, JavaScript, SQL

Tools and Frameworks

Docker, GitLab Runner, ASP.NET Core, Spring, GCP, Arduino, Google Apps Script

Linux, Windows, MacOS, Vim, VS Code, JetBrains IDEs

Communication:

German: Advanced written and verbal skills

Spanish: Basic conversational understanding

PROJECTS

Capstone - Board Game Simulator

- Architected an ASP.NET Core minimal API project with a Swagger UI frontend
- Built a GitLab CI pipeline to deploy Docker containers to Google Cloud
- Presented several stages of the project to course staff and industry professionals

Simon Alarm Clock

- Designed a custom circuit using Arduino, real-time clock unit, LCD display, LEDs, and speaker
- Integrated game and alarm clock functionality with custom menu system

SERVICE & LEADERSHIP

Podcast Host

Oct 2021 - Dec 2022

Salt Lake Institute of Religion

- Planned and conducted podcast interviews to uplift and teach students

Missionary - Frankfurt, Germany

Sep 2015 - Aug 2017

The Church of Jesus Christ of Latter-Day Saints

- Planned and conducted weekly trainings for groups of 4-6 other volunteer missionaries
- Taught and translated for individuals from various backgrounds in German and English