

Jacob L. Smith

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EDUCATION

Bachelor of Science: Computer Science *May 2023*
University of Utah, Salt Lake City, UT
GPA: 3.34

Associate of Arts: German *Dec 2018*
Weber State University, Ogden, UT

Elective Coursework

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

WORK EXPERIENCE

University Teaching Assistant *Aug 2022 - May 2023*
University of Utah, Salt Lake City, Utah

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

Software Engineering Intern *Jun 2022 - Aug 2022*
Sarcos, Salt Lake City, UT

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

Technology Consultant *Oct 2021 - Aug 2022*
Quilts and More, Layton, UT

- 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

Software Developer *Jan 2020 - Oct 2021*
PDCflow, Ogden, UT

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

Test Automation Intern *Aug 2019 - Jan 2020*
PDCflow, Ogden, UT

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

SKILLS

Languages

Python, C#, Java, C++, JavaScript, MySQL

Tools and Frameworks

Docker, GitLab CI, Google Cloud, ASP.NET Core, Spring, Arduino, Android

Environments

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 API with Swagger UI
- Built DevOps pipeline with GitLab CI, Docker, and GCP
- Presented regularly to course staff and industry professionals

Simon Alarm Clock

- Designed a custom circuit using Arduino, LCD display, real-time clock unit, 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 hosted 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