Jacob L. Smith

Software Engineer

Salt Lake City, UT

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EDUCATION

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

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

Elective Coursework
Mobile Apps
Computer Networks
Creative Engineering
Digital Circuits

Graduate Level Electives
Artificial Intelligence
Database Systems

WORK EXPERIENCE

Software Engineer Intern Jan 2024 - Present
The Church of Jesus Christ of Latter-Day Saints, Remote
- Ported legacy frontend features to React.js
- Supported GraphQL API for global-scale database
- Drove development of coding style guidelines

Software Technology Consultant Oct 2021 - Present
Quilts and More, Layton, UT
- Built inventory management tools using JavaScript
- Identified and automated tedious business processes
- Leveraged free software to minimize cost to business

TA for CS 1400 & CS 3505 Aug 2022 - May 2023
University of Utah, Salt Lake City, UT
- Led lab sessions for groups of ~20 students
- Taught individual students learning C++ and Python

Software Engineering Intern Jun 2022 - Aug 2022
Sarcos Robotics, Salt Lake City, UT
- Gathered requirements from project stakeholders to prioritize project features
- Built robot pre-boot service using Python and Docker

Software Developer Aug 2019 - Oct 2021
PDCflow, Ogden, UT
- Developed web microservices with SQL databases
- Created new customer signup feature
- Responded to customer API support requests
- Improved and developed automated test suites using Pytest with Selenium WebDriver

SKILLS

Languages and Frameworks

JavaScript / React Python
C# / ASP.NET Core C++ / Arduino
Java / Spring, Android SQL, MongoDB

DevOps Tools

Docker GitLab CI/CD
Google Cloud

Project Management

Trello GitLab
Jira Azure

Communication

Tutoring German (proficient)
Presenting Spanish (conversational)

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 using Arduino
- Alarm clock ensures user alertness by playing game
- Designed custom circuit and LCD UI
- Integrated real-time clock unit and audio speaker

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