Jacob Blomquist

ASPIRING SOFTWARE ENGINEER

Salt Lake City, Utah 84115

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Statement

Improvement minded software engineer with experience in database systems, compiled and interpreted programming languages, build systems, networking protocols and integration, data processing and full-stack development. Always seeking to improve skills and learn new things.

Education

University of Utah   *Salt Lake City, UT*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *May 2021 (Projected)*

Skills

Languages	C++, C, Java, C#, Python, X86 ASM, MIPS ASM, Ruby, HTML, CSS, PHP, Javascript
Frameworks & Libraries	Node.js, .NET Core, OpenGL, P5.js
Misc	Gnu Linux, AWS, Microsoft Power Platform, CMake, MySQL, MongoDB, GIT, Selenium, Docker, ServiceNow CSM, Enterprise Telephony, ITIL, Active Directory

Experience

Church of Jesus Christ of Latter-Day Saints   *Salt Lake City, UT*
PRODUCT ANALYST | GENERALIST   *Dec. 2018 - PRESENT*
- Supported hundreds of systems, software and technologies for a worldwide workforce.
- Utilized ServiceNow CRM, Enterprise Telephony, ITIL, and Active Directory daily.
- Meticulously documented thousands of incident tickets following the A+ troubleshooting process.
- Independently developed software to accommodate external support requests for our department.
- Strictly followed a service level agreement with clients.
- Performed QA on hundreds of tickets from other employees prior to escalation to different teams.

CaptionCall LLC   *Murray, UT*
CAPTIONING AGENT   *July 2017 - Dec. 2018*
- Close-captioned calls of hard-of-hearing clients from around the country with 97% accuracy at 140 words per minute.
- Live dictated calls to specialized speech-to-text software
- Upheld FCC privacy and accuracy requirements.

University of Utah   *Salt Lake City, UT*
PEER ADVISOR   *May 2017 - May 2018*
- Created a standard for department IEEE writing and research requirements.
- Instructed students in career development techniques.
- Organized events to help local under-privileged middle school students gain interest in higher education.
- Co-taught a course on Engineering Ethics.

Happy Touch Handmade Soap Co.   *Salt Lake City, UT*
FOUNDER   *August 2016 - PRESENT*
- Optimized inventory levels to keep up with current demand.
- Established long-term customer relationships through prompt and courteous service.
- Maintained accurate stock records and schedules.
- Developed a JavaFX application to calculate chemical recipes based on modern research.

Projects

TinyEndian
- A header-only C++ library for manipulating data endianness.
- Detects native endianness.

SoapCalc
- JavaFX application that generates chemical recipes for soap company.
- Uses up-to-date saponification values and methylester of fatty acids (FAMEs) to ensure quality product.
- Currently being ported to the web by way of Node.js.