

Name

1255 University of Utah Circle, Las Vegas, NV 84112

(801) 581-6186

name@email.com

Linked in: www.linkedin.com/in/name

Education

University of Utah College of Engineering

Bachelor of Science Computer Science

GPA: 3.55

Salt Lake City, UT

Graduation: May 20xx

Relevant Skills

Programming Languages

C/C++

C#

Java

Javascript

Swift

HTML

MySQL

Python

Programming Environments

Visual Studio

Eclipse

Unity

Xamarin Studio

Emacs

TextWrangler

Xcode

Sublime 2

Work Environments

OSX

Windows

Linux

iOS

Android

Unix Terminal

Software

Adobe Photoshop

Adobe Indesign

Google Drive

Dropbox

Microsoft Office

iWorks

Google Calendar

Mozilla Thunderbird

Relevant Courses

Software Practice I/II

Artificial Intelligence

Computer Graphics

Computer Systems

Cyber Ethics

Differential Equations

Probability and Stats.

Discrete Mathematics

Technical Projects

Class Project: Networked Spreadsheet

- Created a *Google Spreadsheet* like program with a client in C# and server in C++
- Worked on a team of 4 to design a communication protocol, create, and test the program
- Server Leader: designed the C++ server for asynchronous communication

Class Project: Custom Image Encoder/Decoder with FFMPEG

- Learned how images are stored electronically and to draw images by pixel manipulation
- Gained experience working with a large open source codebase with poor documentation
- Linked into FFMPEG libraries and called methods to create a program that makes videos

Class Project: Problem Solving Search

- Explored solving the Towers of Hanoi game with multiple search algorithms
- Implemented a tree structure that saved time and memory usage
- Measured efficiency of algorithms by number of nodes traversed by algorithms

Relevant Experience

Undergraduate Student Advisory Committee (Committee Chair, *University of Utah*, SLC, 20xx - Present)

- Host the School of Computing's open house *How to be a Computer Science Student*
- Interview faculty candidates about areas of expertise and evaluates ability to teach

Association for Computing Machinery (*University of Utah*, SLC, 20xx - Present)

- Participate in Team Coding Competitions to quickly solve problems
- Meet with programmers to talk about working in industry or research

Resident Advisor (*Housing & Residential Education Office*, SLC, 20xx-20xx)

- Worked with a team of 22 people to help over 300 freshmen adjust to college

Name

201 South 1460 East, SSB 350 • Salt Lake City, UT 84112
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Skills & Qualifications **Programming/Web:** C/++/#, Java/2, VHDL, Pascal, HTML, Apache, XML, Flash
Operating Systems: Linux (openSUSE, Ubuntu, CLI), Windows, Mac, Server 2003
Databases: SQL, Excel, Access, ERD – Data models, Data Flow Diagrams
Foreign Languages: Spanish

Education **B.S. Computer Science** **Month 20xx**
University of Utah – GPA: 3.62 Salt Lake City, UT

Research Areas/Coursework:

Software Fundamentals

- Algorithms and Data Structures
- Programming Language Structure
- IT Security
- Artificial Intelligence
- Object-Oriented Software Engineering
- Database Design

Independent Study:

- Discrete Structures
- Digital Signatures
- Networks
- Quantum Mechanics

Hardware Fundamentals

- Digital Logic Design
- Computer Architecture and Design
- Personal Software Process

Relevant Experience **Q.A./Developer** **Month 20xx – Present**
Company123 Salt Lake City, UT

- Developed small projects and fixed defects in AutoMod – a 3D discrete-event simulation package for increasing productivity of manufacturing systems
- Performed testing on the same product

Research Assistant **Month 20xx – Month 20xx**
Company123 Salt Lake City, UT

- Developed a tool in Java for the use of professors and students in introductory Computer Science classes while working on a team with a professor and graduate student
- Tool allowed students to easily check their pre- and post-conditions they specify for their methods, as well as see graphic representations of their data structures
- Traveled to SIGCSE in Austin, TX to present product and currently finishing thesis on this topic

Intern **Month 20xx – Month 20xx**
CompanyABC Salt Lake City, UT

- Software development under the Java programming language for the Linux platform
- Work in conjunction with other developers in the Communications Products Group to develop software solutions for network device management

Honors & Activities

- Women’s Engineering Scholarship: Year-Year
- Dean’s List: 4 Semesters
- Society of Women’s Engineers, Student Chapter Vice President: Year
- Ironman St. George Finisher: Year, Year
- Undergraduate Student Advisory Committee Representative: Year-Year
- Program for Diversity in Engineering Scholarship: Year-Year