

Zachary Anderson | Curriculum Vitae

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Undergraduate student in computer science. Passionate about technology and the cutting edge. Strong technical skills and aptitude for problem solving, as well as experience working effectively on both solo projects and team projects.

Previous Employment

○ Supercomputing Hardware Technician

Fulton Supercomputing Lab – Brigham Young University

July 2017 - Present

I currently work for the supercomputing lab at my university, where I am responsible for maintaining and repairing close to a thousand servers which are used for research using distributed systems. I work in an environment of both blade and rackmount servers running Red Hat Enterprise Linux. This involves working with Dell's iDRAC and CMC technologies, Nvidia SMI, and Linux/bash to troubleshoot and diagnose hardware problems.

○ Assistant Systems Administrator

College of Family, Home, and Social Sciences – Brigham Young University

July 2017 - Present

I currently work for a college at my university as a student systems administrator. I work in a Windows Server and Active Directory environment supporting over a thousand Macs and Windows computers throughout the college. This involves managing through Group Policy, Active Directory, System Center Configuration Manager, and automating tasks with batch and PowerShell.

○ Junior Network Administrator

Thrift Books

Summer

2016

I worked as an intern during the summer in a team of 4 IT members. I provided technical support for offices and warehouses in 12 locations across the country, using Atlassian JIRA. I helped plan and implement infrastructure upgrades for this growing online company. While there, I set up the Windows Deployment Service images as part of an upgrade plan to upgrade hundreds of workhouse computers to Windows 7.

○ Lifeguard/Swim Instructor/Cashier

Renton School District

2012—2016

I worked for the school district pool through my high school years. While there I managed the front desk and phone to register patrons for classes and pool passes. I worked as a lifeguard

to maintain pool safety and administer first aid. I taught swim classes, and often had to communicate across language barriers where parents and students knew little English.

Education

Academic Qualifications.....

- **Brigham Young University**
Computer Science, 3.4 GPA *2014–Present*
- **Lindbergh High School**
Honors with Distinction, 5 AP courses, 3.88 GPA *2010–2014*

Technical and Personal skills

- **Programming Languages:** Proficient in: C++, Java, HTML, CSS
Familiar with: Python, Ruby, JavaScript, Verilog, MySQL
- **Software Experience:** Microsoft Office, Windows, Linux, macOS, Android, SolidWorks (Basic), Adobe Photoshop (Basic), Adobe Illustrator (Basic)
- **General Skills:** Good presentation skills, Works well in a team as well as solo, Excellent critical thinking
- **IT Skills:** Active Directory, Group Policy, WDS, VoIP

Interests and Extracurricular

- **Crocker Innovation Fellow** (2018-2019)
- **BYU Developers Club** (2016-Present)
- **Microsoft Builder Boot Camp** (2014)
- **FIRST Robotics** (2014)
- **Swim Team Varsity letter** (2011-2014)
- **Eagle Scout** (2011)