

# Lehi S. Alcantara

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## Education

**M.S. Technology Specialization Information Technology**, Brigham Young University

- Expected graduation in 2020

**B.S. Information Technology**, Brigham Young University

- **Computer Science**, Minor
- Cumulative GPA 3.51/4.0

## Experience

**IT Engineer Software Developer**, BYU OIT, Provo, UT, 09/2014 – Present

- Currently working on enabling all CES schools and Pathway to use a decision processing software which will facilitate admissions decision process.
- Worked on Auto Reg Cart class registration. Students are now able to plan which classes they would like the system to attempt to auto register classes whenever their priority registration day clears them to register. In this project I used the latest technologies such as: AWS, MongoDB, Polymer, Node.js, Swagger, Git, Docker, Kubernetes, Codeship, Runscope and Ghost Inspector.
- Developed a website both front end and back end using BYU C Framework and Oracle database. It allows students to receive clearance to register for BYU Evening Classes or Salt Lake Center.
- Maintained and enhanced Registration internal websites used by Faculty and Staff, helping them in their daily tasks dealing with grades, reports, student's registration.

**Programmer**, WALMART, Bentonville, AR, 08/2012 – 09/2014

- Developed a website using C# and VB.NET that allows business users to perform super user actions on a request that needed to be modified in Teamworks.
- Developed an optimized search look up where depending on the field being used by business users, it prioritizes the search accordingly in order to look through millions of rows in DB2.
- Developed and installed quarterly releases of workflow and taxonomy using IBM DB2 in order to help business be in sync with their current business model.
- Participated in 3 "Hack Day" events where I had to collaborate with different teams to come up with creative resolutions to business problems.
- Migrated .NET desktop tools to a website format using ASP.NET MVC.
- Developed a POC to business in order to move away from spreadsheet format containing workflows. Used ASP.NET and jQuery to retrieve data from DB2.

**Computer Programmer**, BYU, Humanities Research Center, 05/2011 – 08/2012

- Developed a website that allows students to schedule an appointment with a tutor. Authentication was done via Google OAuth, as well as through the department's MySQL database.
- Developed a website to display a newsfeed, calendar, and picture gallery. Front-end, used jQuery for the UI and Ajax calls to retrieve information from MySQL database.
- Developed website that enables faculty to perform book searches. Google Books API was used to retrieve book information.
- Developed an Android tablet application that enables faculty to quickly search foreign movies available on BYU media server.

**Information Systems Intern**, WALMART, Bentonville, AR, 05/2011 – 08/2011

- Worked as a software developer on an ASP.NET MVC web application, with jQuery on the front-end. The application is designed for suppliers and my focus was to improve supplier usability. I worked on client-side grids to represent data that was more organized and user-friendly to the suppliers.
- Developed web-based reporting tool. This helped managers generate custom reports which were sortable in order to meet their needs.

- Fixed bugs that were reported by QA. This gave me a better understanding of the code-base as a whole, and enabled me to more fully understand the customer's needs.

**Volunteer Representative**, Chicago, IL, 04/2002 – 04/2004

- Held a variety of leadership positions. Responsible for the health, safety, motivation, and results of other full-time volunteers.
- Developed communication, teaching, and office skills.
- Supervised work and welfare of other full time volunteers.

Skills

**Programming Languages:** C#, Java, VB.NET, C++, C, Android, Windows Phone 8, Assembly LC3, C, Python.

**Frameworks:** Polymer, AngularJS , NodeJS , Swagger, ASP.NET Web Forms and MVC, Web API, WCF, PHP, JSP.

**Web:** HTML, CSS, Javascript, JQuery, Ajax, JSON.

**Database:** MongoDB, DB2, Oracle, MySQL, SQL Server.

**IDE:** PhpStorm, Visual Studio 2012, Eclipse, MinGW.

**Applications:** Docker, IIS, Apache, Git, Subversion, VirtualBox, VMware, Wireshark, Firebug, Gimp, Photoshop, GnuPG.

**Continuous Delivery:** AWS, Kubernetes, Codeship, Runscope, Ghost Inspector.

**Information Technology:** Penetration Testing, Digital Forensics, System Administration, Information Security, Firewalls, Server/Client Model, Network Design, Network Configuration, TCP/IP, Human Computer Interaction.

**Computer Hardware:** Computer Architecture, Digital Communications, Routers, Cisco Switches, Ethernet, Wireless Networks.

**Operating Systems:** MAC OS X, Unix, Windows.

**Language:** Portuguese, fluent oral and written.

**Strengths:** Able to solve complex problems. Excellent communication and interpersonal skills as well as cultural awareness. Able to manage multiple projects simultaneously.

Affiliations/Awards

BYU Alumni Association, BYU IT Student Association, IEEE member, UVU Alumni Association, Scholarship recipient.