Luke McDougal

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CAREER OBJECTIVE

Aiming to leverage a proven knowledge of programming, advanced technology, and application development skills to successfully fill the Intern role at your company. Frequently praised as proactive by my peers, I can be relied upon to help your company achieve its goals.

EDUCATION

TEXAS TECH UNIVERSITY **Lubbock, TX**
B.S. Computer Science *Expected: May 2021*
- **GPA:** 3.4
- **Awards & Honors:** 2x Presidents List

PROFESSIONAL EXPERIENCE

ANALOG DEVICES **Wilmington, MA**
Application Software Developer Co-op *January 2020 – May 2020*
- Developed an automated test infrastructure using Nunit .NET Framework to test hardware with new software to ensure proper code functionality for a range of high-speed DAC and ADC products.
- Developed software using C# to control these evaluation boards that will be used by ADI's customers to demonstrate and evaluate the high performance and portfolio variety of our legacy high-speed DAC products.
- Used XML for the Registers and Bitfields in order to store and transport data to the software system ACE (Analysis Control Evaluation).

BENEFITMALL **Dallas, TX**
Telecom Intern *May 2019 – Dec 2019*
- Developed telecommunication profiles for new employees with BenefitMall.
- Perform troubleshooting of telecommunications or data equipment which includes testing of lines and swapping out defective boards.
- Basic support for Cisco Call manager (new hires, MACD, Name changes, password resets).
- Worked with team members to take inventory of all cisco equipment in the company using Microsoft Excel.

PROJECTS

SOFTWARE STORE
C++ *May 2018*
- This project allowed a user to add to a software store inventory and buy from the store as well.
- The software was stored in a binary search tree and linked list (Queue). The Binary Tree sort alphabetically by comparing the ASCII code of each character of the title of the software.
- If the quantity of the software in stock gets to zero it will be removed from the list.
- The program saved the state of the past inputs and read into the file and update the file with the new software.

TECHNICAL SKILLS

- Java
- C#
- SQL
- XML
- HTML
- CSS
- Nunit