

Andrew Wirtz

Huxley, IA - Email me on Indeed: [indeed.com/r/Andrew-Wirtz/876da400a7243630](https://www.indeed.com/r/Andrew-Wirtz/876da400a7243630)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer

Advanced Analytical Technologies, Inc. - Ankeny, IA - March 2015 to Present

As a software engineer for Advanced Analytical Technologies, Inc. (AATI), I was able to design, build and maintain data analysis software for capillary electrophoresis machines. I worked in a team environment with a manager on my projects. To build and maintain the software, I learned the LabVIEW programming language. During my time at AATI, I became certified as a LabVIEW CLAD (Certified LabVIEW Associate Developer).

Senior Technician

Iowa State University, Information Technology Services - Ames, IA - June 2011 to January 2015

As a senior student technician, I was asked to perform many tasks, including backups of machines, imaging of machines, restoring of data to machines, machine installations for clients, and troubleshooting of problems with client machines. During my time in this position, I worked with many clients to understand how to use their new machines. For many of the clients, they were new to the experience of Windows 7.

I learned how to better write batch files to be used with Microsoft operating systems. This enabled me to more efficiently perform my job.

My job allowed me to also develop a program in .NET and C# that is used to modify and main the Information Technology Services Active Directory.

Software Engineer Intern

Garmin - Olathe, KS - May 2013 to August 2013

As a software engineering intern for Garmin, I was given some of my own projects to work on. A couple of projects that I worked on were testing Run Time Libraries and creating a GUI to be used in the transmission of packets on a test bench. I was also asked to give feedback on code and projects that others were working on.

Software Engineer Intern

Garmin - Olathe, KS - June 2012 to August 2012

As a software engineer for Garmin, I was required to work on multiple problems at one time. This involved creating coding solutions and tests for existing code.

EDUCATION

BS in Computer Engineering

Iowa State University - Ames, IA
December 2014

SKILLS

Microsoft Office (5 years), Labview (2 years), C (6 years), C# (3 years), Python (3 years)

AWARDS

Eagle Scout

2009

Having earned the rank of Eagle Scout shows that I have the ability to lead and help others learn when they do not know something that I do. This award also shows that if I do not know how to perform a task, I am willing to find someone who does know how to perform it and ask them for help.

CERTIFICATIONS/LICENSES

Certified LabVIEW Associate Developer

April 2016 to April 2018