

OBJECTIVE

Computer Engineering/Electrical Engineering Position

EDUCATION

Bachelor of Science in Computer Engineering & Computer Science **Expected May 2016**

Bachelor of Science in Electrical and Computer Engineering **Expected May 2016**

Master of Engineering in Computer Engineering/Computer Science **Expected May 2017**

J.B. Speed School of Engineering, UofL, Louisville, KY

GPA 3.47 / 4.0

Dates attended: 8/2011 - present

**SKILLS AND
COURSEWORK**

JavaScript/Meteor Web Dev

Docker

C/C++ and Java Programming

Matlab

Basic Git/GitHub usage

Videography and Media Recording

Circuit Design and Analysis

SolidWorks 3D Model Design

Windows Server Deployment

GIMP

Network Security

Adobe Premier Pro and After Effects

Web Administration with Drupal

Reason 5 / Audacity / Sibelius

Service Deployment with Raspberry Pis

Additional Skills

- Intermediate skill and continued growth in the language Esperanto

CERTIFICATIONS

CompTIA Security+

MTA: Security Fundamentals

CompTIA Net+

MTA: Networking Fundamentals

CompTIA A+

MTA: Windows Server Administration

Certiport IC3

WORK

EXPERIENCE

General Electric

Louisville, KY

GE EID/ITEP Computer Engineering Co-op (Third)

May 2014 – August 2014

- Evaluated and used new technology to deploy a non-critical production application. First person at GE Appliances to use technology in production.
- Partial development of new FTP solution with previously unused software
- Planned and ran Cross-GE business roundtable with interns from most US GE businesses

GE ITEP Computer Engineering Co-op (Second)

August 2013–December 2013

- Worked on 2 person team to simplify and implement new productivity reporting system, saving 8 man-hours per week via new process
- Lead project implementation for factory floor performance monitoring system
- Lead project implementation to expand product history system features

GE ITEP Computer Engineering Co-op (First)

January 2013 – April 2013

- Worked to update/repair non-functional software used in production environments
- Tasked with information discovery and process mapping of internal information flows dealing with product development
- Managed move of several highly used internal sites to compliant forms

UofL Office of Admissions

Louisville, KY

Student Worker / Programmer

August 2011 – December 2012

- Primary task involves storage and basic handing of transfer student's information
- Self-initiated and driven projects to streamline and automate previously manual mailing and printing processes
- Worked with other departments to build a system that automated tasks, turning a 15-hour job into a 15-second one

TMJ Clinic

Louisville, KY

IT Specialist / Clerical Assistant

June 2010 – August 2011

- Handled the majority of IT based work in the office
- Implemented a full data backup and recovery plan
- Updated and maintained website, office documents, and information
- Assisted with patient coordinating and scheduling in person and over telephone

**OTHER
LEADERSHIP
EXPERIENCE**

Esperanto Club
President and Founder

University of Louisville
March 2014 - Present

Chartered and founded a new Registered Student Organization (RSO) at UofL centered around bringing increased communication between communities at large and promoting the use and adaptation of Esperanto; Currently serving as President of organization.

EsperantoClub.Org

**OTHER
APPLIED
EXPERIENCE**

3D Printer – Currently in build process of constructing a custom, handmade 3D printer using 3D printed parts.

Arduino “Art” Robot – UofL team based project to build a painting robot that will be used as the foundation of a class taught in the Spring 2013 semester. Built online Wiki for group collaboration.

High School LAN Parties – Led a technology based group of peers to host and build 11 LAN parties over four years. **Managed groups** of 50 or more attendees overnight. Designed and troubleshooted network and servers before and during event.

Technology projects in high school

August 2007 – June 2011

- Designed and repaired classroom and school networks
- Assembled and configured Windows based servers [from firewalls to domain controllers]
- Worked with helpdesk team to troubleshoot and repair faculty computers
- Worked on a team to deploy Sharepoint ticket system used in helpdesk
- Deployed remote terminal server that functioned as a base for future school projects after my graduation with intentions to be used as a district wide system