

KRYSTAL ELLIOTT

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Education

Bachelor of Science, Software Engineering

Penn State Behrend, Expected May 2017, 3.38 GPA
Minors: Management Information System, Computer Science

Bachelor of Arts, English Literature

College of Staten Island, May 2010, 3.59 GPA
Minor: Spanish

Experience

General Electric | Erie, PA

MES Project Management – Global Supply Chain

May 2016 – August 2016 (ITLP Internship)

- Managed the integration of two manufacturing execution systems.
- Coordinated and facilitated the efforts of three teams (Proficy, Digital, and Reliance), operating from multiple locations.
- Designed UI mock-ups and determined architectural requirements for the integration of new system components focusing on quality control.

Technical Lead – ITLP Technical Challenge

May 2016 – August 2016

- Led a team of five in the creation of a simplified small parts ordering solution.
- Designed solution mock-ups and architecture, based on input and requirements from shop floor operators, management, and technical implementers.
- Documented the solution and presented a fully functional and scalable prototype.

Penn State Behrend | Erie, PA

Student Consultant – Help Desk

August 2014 – Present

- Maintain and install both hardware and software.
- Train students and faculty on software usage.
- Troubleshoot network connectivity issues.
- Maintain functionality and cleanliness of campus computers and printers.

Team Lead – Group Project

August 2015 – December 2015

- Led a team of three in the development of a group planner, which used Java and a RESTful API to implement the following features: managed teams, a shared calendar, a global chat room, and private messaging.
- Designed, developed, documented, and presented fully functional software.

FeneTech, Inc. | Aurora, OH

Software Development

May 2015 – August 2015 (Internship)

- Consulted with overseas office and other departments on project status, proposals, training, and technical issues in design and maintenance.
- Developed features and functionality for new and existing internal applications.
- Modified existing software to correct errors.
- Prepared project documentation and delivered presentations.

Software Quality Assurance

May 2014 – August 2014 (Internship)

- Tested black box software for both web and non-web applications.
- Worked closely with both the development and applications departments.
- Tested software using functional, application, regression, acceptance, multi-user, and workflow analysis.
- Developed software system testing and validation procedures.

Programming Languages

Novice

Java
C++
VB.Net
Python

Basic

ASP.Net
Assembly
C
CSS
HTML/XML
JavaScript
Jython
PowerShell

Platforms

Windows
IIS 8
Linux
Mac OS X 10.8+
Raspbian

RDBMS

MS Access
SQL
Oracle

Version Control

Git

Natural Languages

English, Native
German, Novice
Spanish, Novice
Cantonese, Basic

Interests

Developer/Maker Meetups
STEM Initiatives (GE Girls)
Community Involvement
International Travel
Reading/Learning

Recognition

"The Changing Face of Engineering"
Penn State/Fenetechn