

Skyler J. Ehly

Please email skyler.ehly@gmail.com for full contact information

EDUCATION

Lancaster University– Lancaster, Lancashire, UK

MSc Computer Science

Expected Sept 2020

Gettysburg College – Gettysburg, PA, USA

B.S. Cum Laude Computer Science; Minor: Math, Music

GPA: 3.65

May 2018

Related Courses: Data Structures, Object Oriented Programming, Linear Algebra, Computer Organization & Assembly Language, Theory of Computation, Principles of Database Systems, Computer Networks, Parallel & Distributed Programming, Advanced Systems Design, Introduction to Graph Theory, Principles of Operating Systems, Non-photorealistic Rendering

SKILLS

Main Programming Languages: Java ○●●●● Python ○○●●● C ○○○●● JavaScript ○○○●●

Other Familiar Languages: SQL, MATLAB, PHP, C++, C#, HTML/CSS, VBScript

Technology: Familiar with Linux and Windows environment, Git, Maven, JIRA/Trello, SCRUM, LaTeX, intermediate knowledge of live and recording sound technology, Adobe Audition/Premiere, Office Suite, Docker, Spring

Projects: Senior capstone project creating a team building exercise using 3d printer, Laser Cutter, CNC machine and VR, class project of implementing an Android Battleship guesser app, class project of implementing a website utilizing a MySQL database, created several Amazon Alexa skills

RELEVANT EXPERIENCE

Associate Application Developer, Highmark Health Solutions, Camp Hill, PA

Aug 2018 – Dec 2018

- Increased Java JUnit code coverage on Cash Operations and Finance applications to company standard of 85 percent using Mockito and PowerMock

Student Programmer, Gettysburg College IT, Gettysburg, PA

Nov. 2016 – May 2018

- Designed, developed and programmed Skills for the Amazon Echo
- Organized and solicited feedback from student focus groups to determine popular Skills for the Amazon Echo
- Researched and developed with IBM's Watson to develop a question & answer service for the College

Developer Intern, Nielsen, Lancaster, PA

June 2016 – Aug. 2016

- Developed Context Management micro-services for a new Buy Client Delivery Ecosystem
- Worked on an Agile development team utilizing TDD and SCRUM project management framework
- Ensured code coverage using J-Unit testing along with automated endpoint testing using SoapUI

ADDITIONAL EXPERIENCE

Technical Marketing Writer, Morgan Corporation, Morgantown, PA

Jan 2019 – Sept 2019

- Updated 5-year-old price guide with linked word documents and spreadsheets
- Designed and implemented user friendly VBScripts to keep prices updated within a fast-paced environment
- Created multiple website chat bots connected to a MySQL database to increase company quote response time
- Effectively communicated between multiple departments including Sales, Engineering, Marketing, and IT to get up to date information

LEADERSHIP & SERVICE

Concert Band and Marching Band, Gettysburg College

Fall 2014 – May 2018

- Served as principal percussion player and sectional leader

91.1 FM WZBT, Gettysburg College

Fall 2017 – May 2018

- Public Relations Director

Active Member of Eastern Pennsylvania Conference Mission Team

Summer 2005 - Present

- Various missions trips to Kentucky, Tennessee, Iowa, North Carolina, Florida, Illinois, New Jersey and West Virginia