

Skyler J Ehly

Please send an email to skyler.ehly@gmail.com for full contact details

Personal statement

A recent computer science graduate with a 2:1 honours degree from Gettysburg College, looking to secure an entry level Software Developer position or similar to utilise and further develop my problem-solving skills and knowledge.

Core Skills

- Proficient in Java in an object orientated environment
- Familiar with JavaScript, HTML, CSS, SQL, MATLAB, Python, PHP, C, C++, C#, VBScript
- Broad development tool and framework knowledge including Git, Maven, JIRA/Trello, SCRUM, Docker, Spring
- Strong analytical skills and dependable problem solver
- Familiar with both Linux and Windows environments
- I have additional knowledge of live and recording sound technology, Adobe Audition/Premiere, and Office Suite

Education

Lancaster University

(2019 – Expected 2020)

MSc. Computer Science

Gettysburg College

(2014 – 2018)

2:1 BSc. (Honours) Computer Science

Minors: Mathematics, Music

Notable Modules - 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

Work Experience

Technical Marketing Writer, Morgan Corporation, Morgantown, PA

(Jan 2019 – Sept 2019)

Achievements and responsibilities:

- 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

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

(Aug 2018 – Dec 2018)

Achievements and responsibilities:

- 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)

Achievements and responsibilities:

- 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

Developer Intern, Nielsen Co, Lancaster, PA

(June 2016 – Aug 2016)

Achievements and responsibilities:

- 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

Hobbies & Interests

One of the greatest things I enjoy doing is performing music. Throughout high school (college) and university I was the section leader of the drumline in the marching bands and performed in various concert ensembles playing percussion as principal.

I also find a lot of joy in volunteering. Currently I am part of a mission's team of about 40-80 people that takes a trip to various parts of the United States each year to help with disaster relief where I have served as a crew leader on several projects.