Caleb Dale Blomquist

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Education *Towson University: Fall 2017; Anticipated completion: Fall 2023*
I will be earning a Bachelor of Science in Computer Science with a track in Software Engineering.
Notable Courses:
Software Quality Assurance and Testing (Spring 2023)
Intro to Software Engineering (Fall 2022)
Data Structures/Algorithms (Spring 2022)
I also will be earning a Minor in Music as I pursue my differing interests in life.
I have an overall GPA of 3.632

Employment *Towson University Software Engineering Research Member (Jan 2022 – Present)*
I have gained knowledge and experience from this position as I research the topic of using a Convolutional Neural Network to classify source code as vulnerable or not, after converting that code into an image that the CNN can analyze. This involves working with machine learning libraries in python, and different tools to take source code, transforming it to a program dependency graph.

Towson University Stage Manager/Audio Technician (Winter 2017 – Present)
I have gained communication and organization skills working as a stage manager and sound technician for the Towson University Music Department. I have learned how to work with others to help the performance run smoothly.

Extra-Curricular

Member of the Towson University Software Engineering Club (Fall 2021 – Present)

Member of Kappa Kappa Psi, Music service organization (Fall 2018 – Present)
I have served as President (Fall 2019-Spring 2020) and Secretary (Fall 2021).

Technical Experience

I have the most experience with Java, Python, git, and Agile practices, with some experience with HTML, CSS, JavaScript, and React.

Strengths One of my strengths is being interested in obtaining new skills and learning new concepts. I am aiming to improve my technical knowledge and experience through creating a personal website. I also have the strength of having experience working with, and leading, a group of people as I have served as the president, and secretary of a service organization at Towson University, and done many group projects during my studies. These all have given me the perspective to be successful in a group no matter the role I play in the overall group.