Zachary Shaffer

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EDUCATION

ALLEGHENY COLLEGE
B.S. in Computer Science
Expected May 2019 | Meadville, PA
Maj. GPA: 3.18

CENTRAL CATHOLIC
High School Diploma
Grad. May 2015 | Pittsburgh, PA

LINKS

Github:// **shafferz**
LinkedIn:// **shafferz**
Twitter:// **@ShafferzShaffer**

COURSEWORK

UNDERGRADUATE
Analysis of Algorithms
Artificial Intelligence
Computer Organization
Digital and Screen Cultures
Introduction to Bioinformatics
Operating Systems
Programming Language Concepts
Software Engineering
Theory of Comp. & Formal Languages
(Teaching Asst.)
Introduction to Computer Science I & II

SKILLS

PROGRAMMING
Over 2000 lines:
Java
Over 500 lines:
Python • HTML • CSS •
LaTeX
Familiar:
C# • JavaScript • C++
Software:
Microsoft Office • Unity
Engine • Adobe Creative Suite

LEADERSHIP
Over 1000 hours:
Community Service • Teamwork • Public
Speaking • Verbal Communication

EXPERIENCE

ALLEGHENY COLLEGE | Resident Advisor
January 2017 – Present | Meadville, PA
- Trained to develop interpersonal skills and de-escalation techniques to help foster a healthy community in the residence halls, operate during high-stress situations, and solve problems quickly and efficiently.
- Worked with other resident advisors and college staff to plan and execute over a dozen building-wide and campus-wide events and activities for residents.
- To date, worked with over 40 residents to ensure their continued academic, social, and emotional success.

ALLEGHENY COLLEGE | Teaching Assistant
January 2016 – Present | Meadville, PA
- Helped professors design, grade, and return laboratory assignments for the Introduction to Computer Science I & II courses.
- Held over 100+ weekly office hours to help students with laboratory assignments, weekly practical assignments, and examination preparations.
- Developed a strong commanding over the principles of object-oriented programming, primarily in the Java programming language.
- Communicated with students and colleagues to develop a firm understanding of software documentation, the JavaDoc Commenting Standard, and appropriate use of GitHub and operating under the GitHub Flow Model.

CREATING LANDSCAPES FOR FAMILIES | Tutor
September 2015 – May 2016 | Meadville, PA
- Worked with local Meadville students in the Second and Third Districts to provide academic, emotional, and financial support to underprivileged students and their families.
- Tutored students in mathematics and general sciences, taught short lessons in most elementary school subjects, and worked with other Allegheny College students to provide additional educational programming.
- Prepared, cooked, and served healthy meals after school twice a week to help families financially provide for their students, while promoting healthy diet habits.

GOOD SHEPHERD HANDBELL CHOIR | Volunteer Musician
May 2009 – May 2017 | Braddock, PA
- Learned to play the handbells to participate in a local parish choir that performed volunteer and paid concerts at multiple nursing homes, weddings, and local parish functions.
- Participated in fundraiser events to help sustain the program, where I worked in kitchens, festival activity booths, and bake sales.
- Worked firsthand with administrative fundraising decisions, including assisting the directors with game and booth selections for an annual festival fundraiser.

CITATION

LaTeX- template by: Debarghya Das (http://debarghyadas.com)