Matthew Flancer

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Education

University of Pittsburgh, School of Computing and Information | Pittsburgh, PA
Candidate for B.S in Computer Science   *Expected May 2023*
- Minor in Applied Statistics, Economics
- Relevant Coursework: Data Structures, Discrete Structures, Systems Software, Operating Systems, Algorithm Implementation, Principles of Data Science, Applied Regression
- GPA: 3.90

Wissahickon High School | Ambler, PA   *June 2019*
- GPA: weighted 4.82/4.00
- ACT: 34
- Activities: FBLA, Varsity Track and Field (Captain), National Honor Society, Spanish National Honor Society, Varsity Soccer Team Manager

Work Experience

University of Pittsburgh – Information Technology | Pittsburgh, PA   *Fall 2019 - Present*
Lab Computer Monitor
- Assist students with technical issues
- Overlook and manage computers and printers in multiple computer labs

Sesame Rockwood Day Camp | Blue Bell, PA   *Summer 2016 - 2019*
Head Counselor
- Supervised a group of 20 campers aged 7-13 throughout daily activities
- Oversaw junior counselors and counselors in training
- Worked as a sports counselor overseeing events, running activities, and teaching skills

Extracurriculars

Computer Science Club   *Fall 2019 – Present*
Pitt Hooligans Soccer Club   *Fall 2019 – Present*

Projects/Research

Enhancing Public Data Availability and Analysis of Olympic Sports: The Case of College Swimming – Carnegie Mellon Sports Analytics Conference (10/2020) - 2ND Place in Reproducible Research Competition - Built package to scrape and collect novel college swimming data. Analyzed, using Bayesian Regression, potential uses of the collected data. Developed interactive web application to visualize the data - link

Skills and Interests

- Python (pandas, dash, plotly, beautiful soup)
- R (tidyverse, ggplot2)
- Java, Eclipse
- C#
- C++, Visual Studio