

Matthew Flancer

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in <https://www.linkedin.com/in/matthew-flancer/>

EDUCATION

B.S in Computer Science, *University of Pittsburgh*

Aug 2019 – Apr 2023
Pittsburgh, PA

- Relevant Coursework: Data Structures, Discrete Structures, Systems Software, Operating Systems, Algorithm Implementation, Algorithm Design, Web Development, Intro to Data Science, Applied Regression, Calculus 1/2
- GPA: 3.91/4.0
- Activities: Pitt Computer Science Club, Pitt Outdoors Club

Wissahickon High School

Aug 2015 – Jun 2019
Ambler, PA

- GPA: 3.93/4.0
- Activities: National Honor Society, Distinguished Honor Roll, Varsity Track

EXPERIENCE

Web Application & Analytics Developer Intern, *VISIMO*

Sep 2021 – present
Coraopolis, PA

- Working on web development and data analytics projects using Django, Python, JavaScript, and Azure

Lab Computer Monitor, *University of Pittsburgh - Information Technology*

Dec 2019 – present
Pittsburgh, PA

- Assist students with technical issues
- Overlook and manage computers and printers in multiple computer labs

PROJECTS

SwimScraper, *Python Package*

Apr 2021 – Aug 2021

- Built a Python data scraping package for college and professional swimming data
- Wrote functions to get roster data, individual swimmer data, High School recruiting data, and competition results

Enhancing Public Data Availability and Analysis of Olympic Sports: The Case of College Swimming, *Carnegie Mellon Sports Analytics Conference - 2nd place in Reproducible Research Competition*

Oct 2020

- Wrote scripts to scrape college swimming data using Python, Selenium and BeautifulSoup
- Analyzed potential uses of the collected data using Bayesian Regression
- Developed interactive application to visualize the data using Heroku, Dash, and Plotly

SKILLS

Languages

Python, Java, C, JavaScript, R

Technologies

GitHub, React, Latex, Azure, Django, Flask