

Preston J. Smith

Pittsburgh, PA | (412) 952-6329 | pjs075637@gmail.com

EDUCATION

Allegheny College | *Meadville, PA*

Bachelor of Science in Software Engineering

Minor: Art, Science and Innovation

Awards

Dean's List Spring 2024

Expected Graduation: May 2026

Major GPA: 3.74/4.00

GPA: 3.276/4.00

TECHNICAL SKILLS

Programming Languages: Python, Rust, HTML, CSS, Java

Skills: Unit Testing, Linux, Windows, Apache Maven, Git and Github, Adobe Illustrator, Adobe Photoshop, Adobe Premiere, Adobe Bridge, Microsoft Excel, and Powerpoint

RELEVANT COURSEWORK

Programming Languages | Computer Science Department, Allegheny College

January 2024 - May 2024

- Developed CHKN, an interpreted language written in Java designed for code golfing.
- Operated learning language lox from the Crafting Interpreters book.

Software Engineering | Computer Science Department, Allegheny College

August 2023 - December 2023

- Developed Chasten, a Python program using XPath expressions to identify patterns in AST of Python code.
- Improved unit testing for the program and helped Create a tool leveraging LLMs to generate XPath expressions from natural language queries.
- Led two to three class discussions on the importance of debugging and coverage and industry standard coding practices within the Python language.

Data Structures | Computer Science Department, Allegheny College

August 2023 - December 2023

- Worked extensively with Python to parse and sort data.
- Wrote basic programs for sorting and analyzing data sets.

Academic Discourse II | Allegheny College

January 2023 - May 2023

- Developed a Twine-based web game called Golem, which featured generated and random encounters with enemies, boss fights, and a rudimentary leveling and inventory system.
 - Used HTML and CSS for visuals and formatting and implemented a human-readable UI.
-

LEADERSHIP

Ultimate Frisbee Club Treasurer | Allegheny College

August 2024 - Present

- Oversee Club budget and expenses and request reimbursement from the student government.
 - Track club spending and activities using Excel.
-

GENERAL WORK EXPERIENCE

Kennywood Ride Operator Palace Entertainment, Pittsburgh, PA

June 2020 - August 2024 (Seasonal)

- Promoted to ride operations trainer due to successful performance in former role as Kennywood Ride Operator.
- Worked in a team to safely operate twenty amusement rides according to IROC standards.
- Provided an engaging customer experience and assisted with customer questions and concerns.
- Trained new employees to operate rides safely and according to industry standards.

100 Black Men in partnership with Carnegie Mellon University Credit Power LLC Intern

Summer 2019

- Organized and managed the transfer process of client information into a new system.
- Updated client information as needed.
- Completed the entire transfer of client data during a six-week internship experience.