Joshua Castro

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Education, Campus, & Community Leadership

Worcester Polytechnic Institute, Worcester, MA — August 2024 - May 2029 (expected)
Ph.D: **Computer Science**
Extracurriculars: *Teaching Assistant, Football, Track and Field (indoor and outdoor)*

Muhlenberg College, Allentown, PA — August 2021 - May 2024
Double Major: **Computer Science** and **Business Administration - Sports Operations Management Concentration**
Minor: **Analytics** GPA: **4.0** National Honor Society Membership: **Phi Beta Kappa, Pi Mu Epsilon, Chi Alpha Sigma**
Honors & Awards: *Dean's List (x5), Centennial Conference Academic Honor Roll (x4), First Team All-Centennial Conference sprinter, Academic All-Centennial Conference, Centennial Conference Sportsmanship Team, Muhlenberg College Dana Scholar Honors Program, Henry Melchior Muhlenberg Scholarship Winner, 3M J.C. and L.A. Duke Scholarship Winner*
Extracurriculars: *Football, Track and Field (indoor and outdoor), Tutor, Computer Science Club, Intern, Basketball Team Manager*

Shady Side Academy *(SSA)*, Pittsburgh, PA — August 2019 - June 2021
Honors & Awards: *Cum Laude Society Graduate (4.0 GPA), Team Captain, Team MVP, 2x All-Conference,*
Extracurriculars: *Football, Basketball, Baseball, Admissions Ambassador, AP Classes*

Internships & Work Experience

Academic Resource Center Peer Tutor *(Muhlenberg College)* — September 2023 - Present
- *Nominated by faculty to be a peer tutor. Tutored 17 students during the Fall 2023 semester and 20 students during the Spring 2024 semester, in individual and group settings, in CS, Math, Physics, Economics, Business, and Finance courses.*

Athletics Department Work Study *(Muhlenberg College)* — October 2022 - Present
- *Managed the Men's basketball team, working the official game scorebook in a high-pressure environment. Also completed Data Analytics research to help the team identify important non-box score focus areas.*
- *Assisted in gameday operations, helping with music, announcing, and scoreboard operations for the Football, Volleyball, Field Hockey, Lacrosse, and Soccer programs as needed.*
- *Helped weight room staff design online lifting programs for the football team, assisted with varsity team lifts, and managed the front desk of the weight room, assisting students and visitors while maintaining a safe environment.*

IT Intern - Hardware Services Team, Infrastructure *(3M)* — May 2023 - August 2023
- *Leveraged IT tools to identify and execute short-term cost-saving measures within the hardware services team, creating approximately $0.5M in annual savings. Also explored potential long-term solutions including implementation.*
- *Corrected and created hundreds of records in the company mobile phone database to reflect current status.*
- *Actively engaged in training and networking opportunities to develop personal skills.*

Athletics Department Intern *(Muhlenberg College)* — August 2022 - May 2023
- *Completed an independent data analysis project, showing through data that the Muhlenberg College Athletics Department was relatively underfunded.*
- *Helped organize and run alumni and student events, including the Muhlenberg College Golf Classic and a Student-Athlete Alumni Career Panel.*
- *Communicated with students, alumni, and visiting coaches to organize and promote events and facilitate successful gameday experiences.*

Food Service (*DoorDash and Chipotle*) — March - July 2021, December 2023 - January 2024

Skills

Languages	**English** *(Native)*; **German** *(Experienced - AP German: 5)*
Java/Python	Experienced *(AP Computer Science: 4, MC Computer Science II, MC Data Structures, MC AI: All A+)*
C++/C#/Lisp	Beginner *(Completed projects with each in MC Programming Languages: A)*
Microsoft	Very proficient in Excel / Access, proficient in Word / Powerpoint / OneNote / Sharepoint / Outlook
Google Suite	Very proficient in Google Sheets / Docs / Slides / Drive / Gmail.
iMovie	Proficient in video editing using iMovie, made highlight videos for Muhlenberg College athletics
RStudio/R	Proficient in using RStudio for statistics and data analysis *(MC Statistical Analysis: A)*
Tableau	Beginner *(Learned basic Tableau skills in MC Operations & Information Systems: A)*