Cesar Guerra-Solano

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Education

University of Pittsburgh   Pittsburgh, PA
Bachelor of Science in Computer Science   Spring 2026
Stamps Scholar, David C. Frederick Honors College
Relevant Coursework: Intermediate Programming, Discrete Structures for Computer Science

Archbishop Wood High School   Warminster, PA
98.39/100 Avg., National Merit Scholar, AP Scholar with Distinction   June 2022

Relevant Experience

Reprise Financial   Remote
Credit/Underwriting Intern   June 2022 – Present
- Collaborate with team to implement a large-scale model to identify potential customers through mail offers
- Adapt model-building process to AWS, utilizing Amazon SageMaker and S3 Buckets for data storage

Boston University Research in Science & Engineering Program   Remote
Research Intern (~250 Hours Cumulative)   July 2021 – August 2021
- Researched computational linguistics under Dr. Derry Wijaya
- Analyzed racial bias in the Google Ngram digitized books database, examining topics and grammatical structure associated with famous figures from different races and how those structures and topics trended over time
- Created and presented a research poster to a panel of professors, students, and family, showing findings of grammatical bias present when mentioning figures of certain races

Leadership & Activities

University of Pittsburgh Stamps Scholarship Program   Pittsburgh, PA
Stamps Scholar   August 2022 – Present
- Full-ride scholarship offered to only 5 students per class
- Attend leadership trainings and curriculum, national conferences, volunteer experiences, and study abroad

FIRST Robotics Competition Team 2607   Warminster, PA
Mentor, Scouting Lead, Game Design Lead, Round Table Member   January 2018 – Present
- Organized and ran Game Design meetings, judging panels, and design efforts for a team of 7, leading to the team winning the *Designer's Award for the Potassium Group* in the FRC Game Design Challenge
- Led a team of 4 in creating a scouting app for the competition season to be used on android tablets and data visualization in Excel, walking through front-end app development and data analysis process with team
- Contributed to the organization of yearly team events such as Girls in Stem Day and other service functions, along with participating within them, and with the planning of team objectives and workshops for new students

Pitt SEMFS   Pittsburgh, PA
Member, Tutor   August 2022 – Present

Skills & Certificates

Technical: Python, Java, Basic AWS (SageMaker, S3)
Relevant Certificates: MITx: Introduction to Computer Science and Programming Using Python, MITx: Introduction to Computational Thinking and Data Science
Languages: Native fluency: English, Spanish