

Caleb J. Arp

College Junior – Rensselaer Polytechnic Institute

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Herndon, VA 20170

Education + Achievements:

- B.S. in Computer Science and B.S. in Games & Simulation Arts & Sciences
 - 3.96 Cumulative GPA, Dual Major, Made Dean's Honor List all 4 semesters at RPI
- High School Diploma - Herndon High School
 - 4.358 Overall Weighed GPA, Advanced Studies Diploma with Virginia Board of Education Seal

Professional Experience:

Computer Science I Mentor, September – December 2024

- Rensselaer Polytechnic Institute Computer Science Department
 - Worked in weekly lab and office hour sessions to help students complete their homework and lab assignments, giving class credit for the latter by looking at students' code structure and output
 - Required teaching and problem-solving skills in order to help students with coding questions

Volunteer & Other Experience:

Vecinos Unidos Tutor, February – May 2023

- Helped underprivileged elementary school students improve their math skills, their reading & writing in English, as well as other core skills in an afterschool program at least once a week.

Summer Camp Counselor-In-Training, June 2021

- Summer program with Herndon Parks & Recreation that entailed working with an outdoor summer camp that consisted of campers ages 6-11. See [this link](#) for more details about the program.
- Responsibilities included assisting camp counselors with activities and working with campers. Also helped with a camper who required additional help participating and staying with his group.

Skills & Certifications:

- Experienced in working with Python, C++, C, C#, and Java coding languages
- Working with and organizing large amounts of data using R coding language
- Customer Service & Sales Certified Specialist (certification by the NRF Foundation)
- Worked for a semester on an open-source game engine using Vulkan and GLFW

College Courses Taken:

Data Structures | Foundations of Computer Science | Principles of Software
Rensselaer Center for Open-Source (RCOS) | Introduction to Game Programming
Introduction to Biology Computational Lab | Management in the Digital Age