Caleb J. Arp

College Junior – Rensselaer Polytechnic Institute

Caleb.Arp.22@gmail.com
Cell: (571) 524-1779
Herndon, VA 20170
captaincarp22.github.io

Education + Achievements:

o B.S. in Computer Science and B.S. in Games & Simulation Arts & Sciences
  - o 3.95 Cumulative GPA, Dual Major, Made Dean's Honor List all 5 semesters at RPI
o High School Diploma - Herndon High School
  - o 4.358 Overall Weighed GPA, Advanced Studies Diploma with Virginia Board of Education Seal

Professional Experience:

Computer Science I Mentor, Sep. – Dec. 2024, Sep. – Dec. 2025

o Rensselaer Polytechnic Institute Computer Science Department
  - o 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
  - o Required teaching and problem-solving skills in order to help students with coding questions

Volunteer & Other Experience:

Vecinos Unidos Tutor, February – May 2023

- o 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

- o Summer program with Herndon Parks & Recreation that entailed working with a mostly outdoor summer camp that consisted of campers ages 6-11 separated by age groups
- o Responsibilities included assisting camp counselors with activities and working with campers.

Skills & Certifications:

o Experience working with major coding languages like Python, C++, C, C#, & Java
o Working with and organizing large amounts of text-based data (CSV, JSON, etc.)
o Basic understanding of web development, Amazon Web Services, & SQL databases
o Customer Service & Sales Certified Specialist (certification by the NRF Foundation)
o Worked for a semester on an open-source game engine using Vulkan and GLFW

College Courses Taken:

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