RYAN POPE

rcp3by@virginia.edu • (703) 350-5944

PROFESSIONAL SUMMARY

High-performing student and software engineer, completing Bachelor of Science degree in Computer Science. Quick learner who enjoys taking on new challenges, and reliably delivers in fast-paced, goal-driven environments. Experienced in Python, C++, and JavaScript.

COURSEWORK

UNDERGRADUATE

Program & Data Representation
Discrete Mathematics
Digital Logic Design
Software Development Methods

HIGH SCHOOL

Computer Vision
Mobile & Web App Development
Artificial Intelligence
AP Computer Science

SKILLS

EXPERIENCED

Python • C++ • HTML • CSS • JavaScript
Technical Presentations & Writing
Team Management

PROFICIENT

Java • Unix • Git • PHP • SQL • CAD/CAM

LINKS

github.com/popestr
linkedin.com/in/rcpope
rcpope.net

CONTACT

rcp3by@virginia.edu
(703) 350-5944
102 Stadium Rd., Unit A
Charlottesville, VA 22903

EDUCATION

UNIVERSITY OF VIRGINIA
B.S., Computer Science
May 2022 | Charlottesville, VA
Dean's List (All Semesters)
GPA: 3.71 / 4.0 | Major: 4.0 / 4.0

THOMAS JEFFERSON H.S.
FOR SCIENCE AND TECHNOLOGY
June 2018 | Alexandria, VA

EXPERIENCE

HELIX ELECTRIC Project Engineer Intern

June 2019 – August 2019 | Chantilly, VA

- Verified documentation and purchase orders for accuracy.
- Assisted with inventory spreadsheet creation and management.
- Assisted in organizing site layouts, blueprints, and other various documents.

REBOOT FOR YOUTH President

September 2016 – September 2018 | Reston, VA

- Recruited new volunteers and managed weekly meetings.
- Managed the acquisition, refurbishment, and distribution of computing hardware to those in need.
- Served as an integral member of the technical team and conducted new member technical training.
- Spearheaded community outreach campaigns, effectively led a large team, and developed innovative ways to manage operation logistics.

STEMBASSADORS Volunteer Teaching Assistant

September 2016 – June 2018 | Alexandria, VA

- Assisted in planning and delivering numerous activities and special events for STEM clubs and organizations.
- Provided STEM instruction during summer classes in coordination with an established curriculum

PROJECTS

PI2DIODE Raspberry Pi-compatible LED control library

November 2019 – Present | https://github.com/popestr/pi2diode

- Built a basic open-source LED control library via thorough research and testing.
- Developed using the PiGPIO Python library, logic-level MOSFETs and SMD-5050 LED strips.