Cooper Joseph Werner

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Career Goals: Attend an accredited university, major in either Computer Science or Computer Engineering, and build a career in Computing or Software Development.

Skills: Proficiency in Microsoft Office and G-Suite, experience using JetBrains IDEs, proficiency in Python, C++, Java, JavaScript, and developer tools such as Git and GitHub. Experience developing for the Arduino and Raspberry Pi platforms, experience designing and developing PCBs, and proficiency in 3-D modeling and Additive Manufacturing.

Education

Western School of Technology and Environmental Science (Western Tech) Anticipated Graduation: 2023

Information Technology – Computer Science (CS), with a Program GPA of 4.0

Grade 9: Foundations of CS (A)

Grade 10: AP Computer Science Principles (A), Cybersecurity Essentials (A)

Grade 11: AP Computer Science A (A)

Other Notable Courses: AP Calculus AB (A), GT/AA Physics (A), GT/AA Chemistry(A), GT/AA Biology (A)

Overall Unweighted GPA: 3.88   Overall Weighted GPA: 5.38

Certifications in Computer Science:

Cisco Cybersecurity Essentials Certification

Sololearn Python Certification

Sololearn C++ Certification

Awards and Accolades:

Eagle Scout Award from Troop 143

Skills USA 2021 Maryland State Silver Medal in Computer Programming

Bronze Eagle Palm for Excellence in Scouting

Scouting Honor Society, Order of the Arrow Member

2020 Model Congress Best in Committee

Western Tech Honor Roll 2019 – Present

Extracurricular Activities:

Scouts BSA, Senior Patrol Leader & Eagle Scout, 2016 – Present

Helped to plan, lead, and execute activities that kept scouts active and helped our community, during in-person and virtual scouting.

Western Tech Hack/Coding Club, Member & President, September 2020 – Present.

Helped to develop a website to track and predict COVID-19 cases over time and to inform the public of how they can keep themselves safe and prevent spread. Currently leading and planning activities for the 2021-22 school year.

Engineering Club, Member, September 2019 – Present

Western Tech Model UN, Feb 2021 – April 2021

Western Tech Model Congress, September 2019 – February 2020

SkillsUSA, Member and Computer Programming Competitor, September 2019 – April 2021

Work Experience:

Software, Magic, and Rainbows LLC. (Paid Software Engineering Intern) June 2021 – August 2021

Developed a tool to work with low-level USB and Serial Communications to import USB and Serial data into a tool named Hobbits designed to visualize and analyze bits of data.

Professional References:

Adam Nash, Owner of Software, Magic, and Rainbows LLC. Previous Employer and Internship Mentor, Email: adam@smr.llc