

OWEN RICHARD AKERS

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EDUCATION

Johns Hopkins University

Baltimore, Maryland

BS

May 2028

- Double Major: Computer Science / Applied Mathematics; Student-Athlete: Men's Tennis

Carmel Christian School

Charlotte, North Carolina

High School Diploma

August 2024

Unweighted GPA: 4.0; Weighted GPA: 5.03

SAT: 1510

Received AP Scholar with Distinction

RELEVANT COURSEWORK

High School:

- AP Computer Science Principles
- AP Statistics
- AP Calculus AB
- Honors Stem Research I

College:

- Linear Algebra
- Gateway Computing: Java
- Intermediate Programming

RELATED EXPERIENCE

Mechanical Team Lead

Charlotte, North Carolina

NASA - International Space Station (ISS) - Quest for Space

August 2021 - May 2022

- directed a team of three researching soap bubbles in normal gravitational conditions
- constructed a micro lab sent with NASA to the International Space Station
- studied/analyzed received data on effects of microgravity on survival and behavior of bubbles
- discovered bubbles last longer in microgravity compared to set conditions

Software Engineer

Baltimore, Maryland

Swish

August 2024 - Present

- Assist in designing/building a mobile app with a tech stack of React Native, Firebase, and Django
- Integrated an analytics platform enabling retailers to track and analyze product performance

SKILLS

Backend: Python, Java, C, C++

Frontend: HTML, CSS, Javascript

Frameworks: React Native, Tailwind CSS

LEADERSHIP EXPERIENCE

President

Charlotte, North Carolina

ConSERVation Club

August 2021 - May 2024

- led 50 members in advocating/developing more sustainable practices on campus
- developed a paper recycling system recycling over 16 tons of paper each year
- constructed first garden on school grounds containing over 215 cubic feet of soil/plants

Student-Leader

Charlotte, North Carolina

Project Lighthouse

August 2021 - May 2024

- led 30 members in spreading mental health awareness
- managed bracelet sales within school, raising over \$25,000 to donate to mental health organizations
- conducted multiple discussions over mental health topics; counseled peers

ADDITIONAL INFORMATION

- logged over 200 service hours
- enjoy drawing, playing piano, listening to music, and running