

# OWEN RICHARD AKERS

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## EDUCATION

**Johns Hopkins University**  
*BS*

- Major: Computer Science / Student-Athlete: Men's Tennis

Baltimore, Maryland  
May 2028

**Carmel Christian School**  
*High School Diploma*  
Unweighted GPA: 4.0; Weighted GPA: 5.03  
SAT: 1510  
Received AP Scholar with Distinction

Charlotte, North Carolina  
August 2024

## RELEVANT COURSEWORK

High School:

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

College:

- Calculus II
- Gateway Computing: Java
- Critical Perspectives on Technological Innovation

## RELATED EXPERIENCE

**Mechanical Team Lead**  
NASA - International Space Station (ISS) - Quest for Space

- 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

Charlotte, North Carolina  
August 2021 - May 2022

**Software Engineer**  
Swish

- 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

Baltimore, Maryland  
August 2024 - Present

## SKILLS

Backend: Python, Java  
Frontend: React Native, HTML/CSS, Javascript

## LEADERSHIP EXPERIENCE

**President**  
ConSERVation Club

- 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

Charlotte, North Carolina  
August 2021 - May 2024

**Student-Leader**  
Project Lighthouse

- 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

Charlotte, North Carolina  
August 2021 - May 2024

## ADDITIONAL INFORMATION

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