



# SIONA M. BEAUDOIN

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## Education

### Saginaw Valley State University

B.S. in Computer Science, CGPA: 3.58

### Finlandia University

Graphic Design Career Tech Education

University Center, MI, United States

Anticipated Graduation: May 2025

Hancock, MI, United States

Sept 2019 – Dec 2021

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## Experience

### Student Research Assistant

Saginaw Valley State University

Sept 2022 – Present

University Center, MI

- Assisting a professor with writing a paper on an overview of cybersecurity attacks, trends, prediction, and detection.

### Small Business Website

The Wood'n Spoon LLC

Aug 2022 – Present

Mohawk, MI

- Consulted with a Michigan small business owner on the rework and redesign of their website.

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## Projects & Competitions

### NASA Robotics Mining Competition – Lunabotics

Saginaw Valley State University

Jan 2022 – May 2022

University Center, MI

- Assisted in object detection using deep learning and collected/labeled image data.
- Engaged in community outreach by presenting to a FIRST Robotics team about our project.

### Junior Science and Humanities Symposium

Michigan Technological University

June 2018 – May 2020

Houghton, MI

- Conducted a research project on "The Effects of Nitrogen deposition on a hardwood forest in Michigan's Upper Peninsula", where I placed 3<sup>rd</sup> at the regional competition and qualified for the national competition.
- Conducted a research project on "Testing for The Presence of *Drosophila Suzukii* (SWD) and Berry Perceptions in Michigan's Upper Peninsula", where I placed 3<sup>rd</sup> nationally in the Life Science category.

### President – FIRST Robotics

Lake Linden-Hubbell High School

Sept 2017 – May 2021

Lake Linden, MI

- Led my team in the building of a robot that we competed with at two regional competitions each year.

### eCybermission

Lake Linden-Hubbell High School

Sept 2016 – June 2019

Lake Linden, MI

- Completed various research projects on a team of 3 regarding the use of Stamp Sands (a mining waste in Gay, MI) where we placed 1<sup>st</sup> in Michigan 3 years and 1<sup>st</sup> nationally 1 year.
- Awarded a \$5,000 community outreach research grant on the use of Stamp Sands.

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## Activities & Involvements

### Vice President – Association of Computing Machinery

Saginaw Valley State University

March 2022 – Present

University Center, MI

- Assisted in the planning of weekly meetings and organizing events.

### General Member – Google Developers Student Club

Saginaw Valley State University

Aug 2022 – Present

University Center, MI

- Attended weekly machine learning workshops to engage in hands-on experience in image processing and various neural network techniques (primarily Convolutional Neural Network).

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## Skills

**Languages:** Java, JavaScript, HTML5, CSS, Python, R, SQL, LaTeX, Visual Basic.NET

**Developer Tools:** GitHub, Minitab, Adobe Suites: Illustrator, Photoshop, & InDesign, Figma