

# JOSHUA PARK

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## EDUCATION

<b>Purdue University</b>	<b>West Lafayette, IN</b>
Bachelor of Science – BS, Mathematics/Computer Science	May 2025
Bachelor of Arts – BA, Asian Studies	May 2025
Relevant Coursework – Object Oriented Programming, Programming in C, Calculus I - III, Introduction to Statistics	
<b>West Lafayette High School</b>	<b>West Lafayette, IN</b>
Core 40 Diploma with Academic Honors	May 2021

## SKILLS

<b>Languages</b>	Python, Java, CLI, Linux/Bash, C, MATLAB, Simulink
<b>Software</b>	Git, Splunk, Microsoft Office 365

## EXPERIENCE

<b>Purdue University Rosen Center for Advanced Computing (RCAC)</b>	<b>West Lafayette, IN</b>
<i>Research Support Developer</i>	April 2021 – Present
<ul style="list-style-type: none"><li>- Work under a Senior Data Scientist to develop applications used to assist researchers using RCAC Clusters</li><li>- Create dashboards in Splunk to visualize cluster usage data</li><li>- Write Python applications to track telemetry data from clusters</li><li>- Write benchmarking tests for clusters in Python</li></ul>	

## ORGANIZATIONS

<b>American Society of Mechanical Engineers (ASME)</b>	<b>West Lafayette, IN</b>
<i>Simulations Team</i>	September 2022 – Present
<ul style="list-style-type: none"><li>- Simulate racing environments using Simulink in MATLAB for the Purdue ASME Grand Prix Team</li></ul>	
<b>Purdue Overwatch Club</b>	<b>West Lafayette, IN</b>
<i>President</i>	May 2022 – Present
<ul style="list-style-type: none"><li>- Selected as one of four founding organizations for Purdue's inaugural university sponsored esports program</li><li>- Oversee the registration of 40+ members with the National Esports Collegiate Conference (NECC)</li><li>- Coordinate practices and matches with other collegiate teams</li></ul>	
<b>Purdue University Mathematics Society</b>	<b>West Lafayette, IN</b>
<i>Officer, Marketing/Outreach</i>	September 2021 – May 2022
<ul style="list-style-type: none"><li>- Organized announcements, made posters to advertise club events, built social media for club</li><li>- Coordinated with the Purdue Math department to organize talks by professors</li></ul>	

## PROJECTS

<b>GitHub</b>	<a href="https://www.github.com/joshpark8">www.github.com/joshpark8</a>
<i>pybench</i>	A benchmarking tool used to measure performance on Purdue RCAC clusters
<i>Spotifybot</i>	A Discord bot to access basic information about artists via the Spotify API
<i>StatWatch</i>	An application that tracks and logs a player's Overwatch skill rating (SR) data with various APIs
<i>PurdueStat</i>	A tool used to easily analyze and manage statistics generated in Overwatch matches
<i>Woordle</i>	A graphical clone of the popular word game "Wordle" created from scratch