JOSHUA **PARK**

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5851 Conkright Lane, West Lafayette, IN 47906

I recognize that software development is a constantly expanding field and approach every day with a growth mindset, leaving myself room to learn and adapt to the ever-evolving world of computer science. Outside of work and school, I enjoy solving puzzles and complex problems that push my mind to its limits.

EDUCATION

Purdue University   **West Lafayette, IN**

Bachelor of Science - BS, Mathematics – Computer Science   May 2025

Bachelor of Arts - BA, Asian Studies   May 2025

West Lafayette Jr./Sr. High School   **West Lafayette, IN**

Core 40 Diploma with Academic Honors   May 2021

Relevant Coursework

- CS 180 (Programming I)
- MA 161 (Calculus I)
- MA 162 (Calculus 2)

RELATED WORK EXPERIENCE

Purdue University Research Computing   **West Lafayette, IN**

Research Support Developer – Student Service   Spring 2021 - Present

- Wrote numpy benchmarks used to test performance on top 500 computing clusters
- Analyzed performance data on clusters using different numpy benchmarking metrics to find the fastest combination of Python environments, data types, and calculations to help scientists and researchers more efficiently and effectively conduct research using the clusters
- Learned shell scripting, CLI, Python, Git, data analysis, Bash, and other related skills

LEADERSHIP

Purdue University Math Club   **West Lafayette, IN**

Officer, Marketing/Outreach   September 2021 - Present

- Organized announcements, made posters to advertise club events, built social media for club

Purdue Overwatch Club

Captain   May 2021 - Present

- Organized practices and matches for my team and communicate with club executives to organize events.
- Competed in the National Esports Collegiate Championship (NECC)

GITHUB (www.github.com/joshpark8)

Projects

- pybench – A simple Python benchmarking tool
- SpotifyBot – An easy-to-use Discord bot to access basic information about artists via the Spotify API
- StatWatch – An easy way to track SR in Overwatch
- ScrimScheduler – A quick and easy way to schedule scrims for Overwatch

TOP SKILLS

- Python
- Bash
- Shell scripting
- CLI
- Git
- Java