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

Relevant Coursework - CS 180 (Programming I), MA 161 (Calculus I), MA 162 (Calculus II)

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

Core 40 Diploma with Academic Honors May 2021

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
* Utilized 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
* Coordinate with the Purdue Math department to organize talks by professors

**Purdue Overwatch Club**

*Officer, Captain* May 2021 - Present

* Organize 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](http://www.github.com/joshpark8))

**Projects**

* pybench – A simple tool to benchmark HPC clusters written in Python using numpy
* SpotifyBot – An easy-to-use Discord bot to access basic information about artists via the Spotify API
* StatWatch – An easy way to track skill rating in Overwatch via the Discord and Overwatch API’s
* ScrimScheduler – A quick and easy way to schedule scrims for Overwatch through a Discord bot.

TOP SKILLS

* Python
* CLI
* Bash
* Git
* Shell scripting
* Java