Jacob Meyer

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EDUCATION

The Pennsylvania State University | University Park, PA

B.S. in Computer Science | GPA: 3.3/4.0   **Expected Graduation: May 2026**

Relevant Coursework:

D.S. & Algorithms, OOP Web Programming in Java, Fundamental Python Programming, Systems Programming in C

TECHNICAL SKILLS

Programming Languages: Python, C++, C#, Java, JavaScript, PHP, GraphQL APIs, SQL, HTML, CSS
Frameworks: Django, React.js, Vue.js, Node.js, Electron.js, Bootstrap
Software: Github, Docker, Postman, Ubuntu Linux, PhpMyAdmin, JetBrains IDEs, Visual Studio

PROFESSIONAL EXPERIENCE

THON | Software Developer   **May 2024 - Present**

Full Stack   University Park, PA

- Worked on a team of 6 developers to develop, maintain, and fix applications used to manage THON events
- Improved user productivity by 8% by holding meetings with teams to educate them on how to use the software best
- Quickly troubleshoot software during THON events to ensure each event ran smoothly

SOFTWARE PROJECTS

Dash Event Management   **May 2024 - Present**

Full Stack   🔗 dash.thon.org

- Developed an application used for large-scale event management with over 12,000 users
- Decoupled many components of the application into Vue, ensuring the codebase is easily testable and maintainable
- Utilized: **Django, Vue.js, RESTful APIs, SQL, Docker**

Portfolio Website   **May 2023 - August 2023**

Full Stack   🔗 jacobmeyer.tech - GitHub

- Created and deployed a website to display my complete list of projects and technical skills
- Designed the website's front-end and back-end using the React.js framework and Bootstrap
- Utilized: **React.js, Node.js, JavaScript, HTML, CSS, Bootstrap**

ZuzaPlan | Technology Student Association   **December 2021 - January 2022**

Back-end   🔗 GitHub

- Led a team of 4 developers to create a fully functional desktop application to schedule school events and track online meetings.
- Built a GraphQL API that stores user schedules and events with their descriptions
- Used the dependency and repository design patterns to encapsulate data access
- Utilized: **C#, .NET, GraphQL APIs**

WORK & LEADERSHIP

THON | Supply Logistics Liaison   **August 2022 - April 2023**

- Communicated with the Supply Logistics teams to organize fundraising events to support families impacted by childhood cancer, raising over $5,000

Best Buy | Sales Advisor   **October 2021 - March 2024**

- Guided customers through purchasing tech products on the sales floor