Kyle Park

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EDUCATION

The Ohio State University   **Columbus, Ohio**
B.S. in Computer Science and Engineering, Minor in Math   Expected Graduation, December 2026
GPA: 3.603/4.00, *Dean's List, National Buckeye Scholarship Recipient*
Relevant Coursework: Data Structures & Algorithms, Software I+II, Discrete Structures, Differential Equations, Calc III

EXPERIENCE

The Ohio State University   **Columbus, Ohio**
Teaching Assistant   August 2024 - Present
- Assist ENGR 1181 professor in teaching over 60 individuals in MATLAB, Excel, OnShape, and engineering tools
- Hold office hours every week to aid individuals with homework, test preparation, and programming difficulties

The Ohio State University   **Columbus, Ohio**
Research Assistant   August 2024 - Present
- Collaborate with Dr. Sanjeevi to develop research proposals and academic papers, contributing to advancement of scholarly work in the field of fast algorithm and implementation surrounding linear algebra concepts with Python
- Potentially create an interactive website with finished research, enrolling in the Young Mathematics Conference

The Ohio State University   **Columbus, Ohio**
Lab Assistant   Sep 2024 - Present
- Aid 40+ students enrolled in Java, ensuring understanding of basic algorithms, data structures, and programming
- Attend lab 3 times a week, providing in-depth explanations in questions regarding lab and project assignments

PROJECTS

TravelPal   **Columbus, Ohio**
Team Member   March 2024
- 2nd place winner of 60 teams competing in a 24 hour time frame, with project details surrounding AI and mobility
- Individually learned C++, coding over 200 lines to develop an interactive system in collaboration with Arduino
- Utilized TinkerCAD to create an Arduino simulation, emulating LED lights, LCD screens, and morse code

ReactNewsBlog   **Columbus, Ohio**
Team Member   April 2024
- Learned React.js for front end development, and MongoDB for back end development to help create a full stack project resonating Facebook, with information stored in databases, and consistent updates through a RESTful API
- Collaborate 20 hours a week, enhancing teamwork and project success, qualifying for Show OHI/O showcase

Natural Number Calculator   **Columbus, Ohio**
Team Lead   April 2024
- Use Swing framework and components with model-view-controller design pattern to develop Java app with GUI
- Programmed over 1000 lines of code written to create a "no explicit bounded" calculator with natural numbers

ACTIVITIES AND AWARDS

OHI/O   **Columbus, Ohio**
Sponsorship Team   August 2024 - Present
- Construct and direct Make-A-Thons and Hack-A-Thons for over 2600 students involved in the CSE program
- Network with hundreds of companies for sponsorship, raising over 100,000$ through the year for multiple events

Collaborative Software Development Club   **Columbus, Ohio**
Programmer   January 2024 - Present
- Meet 3 times a week to create projects with inexperienced languages to implement and involve newer knowledge
- Provide CSE social gatherings to provide a networking and gathering experience to individuals and companies

Software Engineering Club   **Columbus, Ohio**
Member   August 2023 - Present
- Attend weekly meetings to learn new coding languages, ideas, and skills necessary towards software engineering
- Produce insightful, innovative technical material and resources to present at meetings involving over 100 students

SKILLS

- **Technical:** Java, Python, MATLAB, JavaScript, HTML, CSS, Visual Basic for Applications
- **Software**: Eclipse, NetBeans, VSCode, TinkerCAD, OnShape, SolidWorks, Git, Microsoft Office
- **Languages:** English (native), Korean (conversational), Chinese (beginner)
- **Interests:** Art of Sound, Game Theory, Golf, Basketball, Saxophone, Piano, Weightlifting