

# Riley Boughner

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## EDUCATION

### University of Cincinnati

Bachelor of Science, Computer Science

**Graduating: May 2027**

GPA: 3.25

Primary Coursework: Data Structures, Computer Systems, Linear Algebra, Computer Science I & II

## SKILLS

**Languages:** C/C++, Python, PHP, Typescript, Java, Bash Scripting

**Frameworks/Libraries:** React

**Software/Technologies:** Linux, Git, Containers (Lxc, Docker), Databases (MySQL, MongoDB)

## EXPERIENCE

### Software Developer | SuperFloSystems Reading, Ohio

**Aug 2024 – Present**

- Developed and maintained multiple PHP-based websites, ensuring consistent delivery of new features and quick resolution of bugs to enhance user experience and site stability.
- Established and implemented coding standards for PHP development, promoting clean, efficient, and maintainable code, which improved overall team productivity and code quality.
- Independently managed feature development and bug fixes, collaborating with team to translate business requirements into technical deliverables, leading to fast time-to-market for new features.
- Designed and optimized complex SQL queries for MySQL databases, ensuring fast data retrieval and efficient database operations, improving overall application performance.
- Ensured application security by implementing measures like input validation, data sanitization, and secure authentication practices, minimizing potential vulnerabilities.

### IT Technician | Carestar White Oak, Ohio

**Jan 2024 – Aug 2024**

- Provided comprehensive IT assistance to clients through remote troubleshooting methods, demonstrating proficiency in resolving diverse technical issues.
- Successfully resolved tickets encompassing a wide spectrum of IT domains, including software, hardware, networking, and system administration, ensuring timely and effective solutions.
- Demonstrated adeptness in resolving issues across various platforms and systems, including Windows, Linux, and mobile operating systems, enhancing organizational IT functionality.
- Conducted thorough quality assurance checks on resolved tickets, ensuring accuracy and completeness of solutions, and participated in performance monitoring initiatives to identify areas for improvement and optimize service delivery.
- Engaged in proactive measures to prevent recurring issues by conducting root cause analysis, identifying underlying causes, and implementing preventive measures, contributing to enhanced system stability and user experience.

### IT Technician | Pickerington Local School District Pickerington, Ohio

**May 2022 – August 2022**

- Conducted re-imaging and distribution of 500+ mac and ChromeOS laptops to students and teachers of Pickerington High schools alongside group of 6 technicians over 3+ weeks highlighting progress 5 times a week
- Solve problems by diagnosing and repairing 25+ broken laptops consulting team if solution was unknown
- Collaborated in taking inventory data of 10 schools using Microsoft Excel and communicating results with superiors
- Executed improvements in how inventory data is collected, stored and maintained within Microsoft Excel leading to 10+ hours of time saving
- Presented daily progress to 15+ employees and proposed new task upon completion

## PROJECTS

### Sorting Robot – Warehouse Robot | Labview, python

**September 2022 – May 2023**

- Lead software development of an automated sorting robot coding 10+ functions over 4 months
- Recommended 5+ areas of physical improvement to builder leading to better achievement of design criteria
- Debugged 50+ bugs out of code and optimized final code to be used by non technical members of group reporting changes in final documentation
- Professionally presented alongside team final abilities of robot meeting 5+ design criteria to group of colleges

## HONORS & AWARDS

Cincinnatus Scholarship

**August 2022 – Present**

National Honor Society

**August 2021 – May 2022**

**AVAILABLE FOR CO-OP: Summer 2025**

## ACTIVITIES

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<b>Marching Band</b>   Section leader	<b>May 2015 – December 2021</b>
<ul style="list-style-type: none"><li>• Lead team of 20 musicians to improve in ability of performing live music while competing 6 months per year</li><li>• Mediated 30+ disputes between members by listening to frustrations and unifying under team goals</li><li>• Arranged 3 group discussions throughout season managing and implementing 5+ suggestions every meeting</li></ul>	

## HONORS & AWARDS

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<b>Cincinnatus Scholarship</b>	<b>August 2022 – Present</b>
<b>National Honor Society</b>	<b>August 2021 – May 2022</b>
<b>Ohio All State Orchestra</b>	<b>February 2022</b>
<b>CRU</b>   Student Representative / Musician	<b>August 2022 – Present</b>
<ul style="list-style-type: none"><li>• Furthered musical experience while collaborating on team of 6 to perform live music for group of 50 students once a month</li><li>• Communicated with 5+ members acquiring information on club events once a week</li></ul>	

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<b>PC Build Technician</b>   Sage Sustainable Electronics Hilliard, Ohio	<b>May 2023 – August 2023</b>
<ul style="list-style-type: none"><li>• Contributed to the assembly of business and gaming computers delivering 150 units a day</li><li>• Diagnosed and rectified cosmetic issues present in incoming computer parts, maintaining rigorous quality standards</li><li>• Assisted in managing inventory of specific parts and proactively initializing restocking procedures when prepped parts are depleted</li><li>• Played an active role in enhancing build procedures leading to reduced build time and increased production</li><li>• <b>Engaged in training sessions, contributing insights and techniques designed to improve product efficiency and quality</b></li></ul>	