

Riley Boughner

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EDUCATION

University of Cincinnati

Bachelor of Science, Computer Science

Graduating: May 2027

GPA: 3.18

Primary Coursework: Data Structures, Computer Systems, Linear Algebra, Computer Science I & II, Algorithms, Software Engineering, Database Design & Development

SKILLS

Languages: Python, C/C++, Java, JavaScript, Bash Scripting

Software: VS Code, Vim, Git, Beekeeper Studio

EXPERIENCE

Software Developer | SuperFloSystems Reading, Ohio

August 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

January 2024 – August 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.
- Solved 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: Spring 2026

PC Build Technician | Sage Sustainable Electronics Hilliard, Ohio **May 2023 – August 2023**

- Contributed to the assembly of business and gaming computers delivering 150 units a day
- Diagnosed and rectified cosmetic issues present in incoming computer parts, maintaining rigorous quality standards
- Assisted in managing inventory of specific parts and proactively initializing restocking procedures when prepped parts are depleted
- Played an active role in enhancing build procedures leading to reduced build time and increased production
- Engaged in training sessions, contributing insights and techniques designed to improve product efficiency and quality

ACTIVITIES

Marching Band | Section leader **May 2015 – December 2021**

- Lead team of 20 musicians to improve in ability of performing live music while competing 6 months per year
- Mediated 30+ disputes between members by listening to frustrations and unifying under team goals
- Arranged 3 group discussions throughout season managing and implementing 5+ suggestions every meeting

HONORS & AWARDS

Cincinnatus Scholarship **August 2022 – Present**

National Honor Society **August 2021 – May 2022**

Ohio All State Orchestra **February 2022**

CRU | Student Representative / Musician **August 2022 – Present**

- Furthered musical experience while collaborating on team of 6 to perform live music for group of 50 students once a month
- Communicated with 5+ members acquiring information on club events once a week