



# Bradley Schmitz

schmitb3@miamioh.edu • 419-969-4998 • [linkedin.com/in/bradley-schmitz/](https://www.linkedin.com/in/bradley-schmitz/)

## EDUCATION

**Miami University** – Bachelor of Science and Bachelor of Arts, Oxford, OH *Expected May 2021*

**Majors:** Computer Science and Interactive Media Studies

**Minors:** Music Performance (saxophone) and Music Composition

Cumulative GPA: 4.0/4.0 | President's List, 4 semesters | University Honors Program

Tau Beta Pi Engineering Honors Society | Lockheed Martin Leadership Institute

## PROFESSIONAL EXPERIENCE

**Tutor** – Rinella Learning Center, Oxford, OH *August 2019 – December 2019*

- Tutored first-year students in the subjects of algebra and trigonometry
- Received Level 1 tutor certification through the College Reading & Learning Association

**Software Developer Intern** – London Computer Systems, Cincinnati, OH *May 2019 – August 2019*

- Collaborated with other developers and testers to implement new features and bug fixes for Rent Manager 12's web-based API
- Created API endpoints, embeds, and filters for retrieving, storing, and deleting data
- Acquired experience in Agile Software Development using SQL, C#, and .NET

**Quality Assurance Intern** – London Computer Systems, Cincinnati, OH *May 2018 – August 2018*

- Identified, analyzed, & documented defects, questionable functions, errors, & inconsistencies in Rent Manager 12's functions, outputs, online screens & content
- Created & executed automated test scripts using testing software programs

## PROJECTS

**Appalogue: Ruby on Rails App Directory** – Programmer, UI / UX Designer *March 2019 – May 2019*

- Developed a web-based Ruby on Rails app directory, visible at [appalogue.herokuapp.com](https://appalogue.herokuapp.com)
- Created the interface from scratch using HTML and CSS
- Implemented app view/submission/deletion, user login, user permissions, and star reviews

**vrchery: Virtual Reality Archery Game** – Developer *September 2019 – November 2019*

- Created a virtual reality archery simulation for the Oculus Rift
- Implemented haptic feedback, realistic bow and arrow simulation, world building, and UI

## CAMPUS INVOLVEMENT AND LEADERSHIP EXPERIENCE

**Honors Student Advisory Board** – Director of PR, Vice President *September 2017 – Present*

- Plan events to help Honors students engage with the Honors community and faculty
- Manage HSAB's social media, branding, advertisement, and outreach
- Created a recruitment video and designed a new website for HSAB

**Boy Scouts of America** – Eagle Scout, Senior Patrol Leader *February 2010 – September 2016*

- Earned over 40 merit badges and 6 Eagle Palms throughout scouting career
- Coordinated and executed a service project to landscape Glandorf Elementary School

**Other organizations:** Kode2Learn, Miami University Jazz Ensemble, UHP Ambassadors

## TECHNICAL SKILLS

- Programming in C#, Java, C++, HTML/CSS, JavaScript/jQuery, PHP, Ruby on Rails, and .NET
- Agile Software Development using Git and Perforce for version control
- UI / UX and graphic design using Adobe Illustrator/Photoshop/InDesign and Axure RP
- 3D virtual reality and augmented reality development using Unity
- Music composition and sound editing using FL Studio, Finale, Aduacity, and Ableton Live