



Bradley Schmitz

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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

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

Instructor – Putnam County Summer Technology Camp, Ottawa, OH *May 2013 – May 2018*

- Prepared and presented educational curriculum about modern technology topics to students
- Taught students programming and 2D/3D game design using Scratch and Kodu Game Lab

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
- Created the interface from scratch using HTML and CSS
- Implemented app view/submission/deletion, user login, user permissions, and star reviews

MuseScore Interface Redesign – UI / UX Designer *January 2019*

- Performed, evaluated, and wrote a report on the usability of MuseScore 3.0's interface
- Utilized Axure RP to redesign MuseScore 3.0's interface and create prototype interfaces for testing

CAMPUS INVOLVEMENT AND LEADERSHIP EXPERIENCE

Honors Student Advisory Board – Director of Public Relations *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
- Music composition and sound editing using FL Studio, Finale, Aduacity, and Ableton Live
- Game and simulation development using Unity and Game Maker Studio 2