

Riley H. Shaw

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Education

The Ohio State University – Columbus, Ohio
Senior Standing, 3.41 GPA, Provost Scholar and Dean's List Spring 2018
Computer Science and Engineering Major, Business Minor

Experience

OCLC - Summer 2018 to Current - Intern

- Worked with the data transfer team focusing on communication between OCLC and their clients. Wrote Perl, Java, and Bash code to track of file transfers and API hits. Graphed and collected metrics.
- Created a Spring Boot API to allow managers to schedule actions without making changes to the code.

Macola Software - Summer 2017 - Intern

- Designed and implemented a customer support API plugin that allows users to run a diagnostic service on their machine that gathers information to help our support team.
- Programmed a polling/business analytics website that polls clients for metadata to store and graph to gain insight on Macola's services.

Projects

Hackathons

- **HackOHI/O** - 2016: Mobile app project. Created a mobile app that allows people and businesses to share showings and watch parties with friends or potential customers based on distance and interests.
- **Macola Hackathon** - 2017: Created a hunter/prey simulator using state machines and interfaces to direct programming logic. Behavior included hunting, mating, sleeping, and hiding.
- **AI Hackathon** - 2018: Attempted to design and train a neural network to listen to an audio file and report on the sex of the speaker. Code was written in python using the PyTorch library.

Personal - *live apps italicized*

- Unity Games - Dungeon Generator, TBS Engine, Side-Scroller Building and Path Engine
- Websites - *rileyshaw.com*

OSU Curriculum

- **Computer Concepts:** Algorithms, Operating Systems, Web Applications, Software, Artificial Intelligence, Capital Budgeting
- **Computer Languages:** Matlab, R, Java, Processing, C, C++, C#, Ruby, HTML, JavaScript

Clubs - *officer positions italicized*

- **Social:** *Ukulele Club at OSU, AROUSE Student Radio*
- **Academic:** *AI Club, Big Data Analytics Association*
- **Humanitarian:** *Code that Cares, Engineers Without Borders OSU Chapter*