

Jacob Chae

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Education

2010-2015 **Bachelor of Arts, Computer Science;** Oberlin College
 Bachelor of Music, Oboe Performance; Oberlin Conservatory

Experience

9/2014-5/2015 **Student System Administrator,**
 Oberlin Center for Technologically Enhanced Teaching:

Helped maintain the existing servers and wrote software to help make their use more efficient and effective. Created new VMs to test new software and test new environments (different Unix based systems):

- Bash scripting
- Virtualization
- Experience with Debian, Ubuntu, Arch Linux and FreeBSD
- Ruby

6/2014-Present **Web Programmer, Oberlin Conservatory Music Theory Exam**

Rewrote the existing music theory exam for the Oberlin Conservatory that they give to incoming students. The job involved the following:

- Ruby on Rails
- Angular JS
- HTML and CSS
- MySQL

8/2013-2/2015 **Lead Developer, Project Muses**

Helped a startup company launch their initial website. This involved the following:

- Ruby on Rails
- Javascript
- HTML and CSS
- MySQL

2/2013-5/2015 **Software Developer and ID Card Programmer,**
 Oberlin College Office of Residential Education:

Developed software for the Residential Education Office. This involved writing programs to parse documents to get statistics on students, faculty and staggy id card usage, sometimes exposing this info via web based applications.

- Ruby
- Sinatra
- HTML and CSS
- Bash scripting
- Elixir

Technical Experience

Jslide Pairing with a friend to implement a simple javascript library to create embeddable slideshows for websites [here](#)

Programming Languages **Ruby:** Created web applications with this as well as some basic scripts for simple automation tasks.

Bash: Have used this for automating many tasks such as performing a repetitive task on multiple machines. [link](#)

Basic knowledge of **C**, **Java**, **Scheme**, **Elixir**, **Android** and **Ios**