Jacob Chae

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Elyria, OH 44035   (303) 945-5245

Education

2010-2015   **Bachelor of Arts, Computer Science**; Oberlin College

Bachelor of Music, Oboe Performance; Oberlin Conservatory

Experience

6/2015-Present   **Mobile Defense/Assurant Inc.**

Mobile Defense was acquired by Assurant in May of 2016.

Developed and maintained API endpoints for the Pocket Geek application.

- Ruby on Rails
- HTML and CSS
- Javascript
- Sinatra
- MySQL and PostgreSQL
- NodeJS
- Ansible

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 stagg id card usage, sometimes exposing this infor via web based applications.

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

▬▬▬▬▬ Technical Experience

Github   https://github.com/jbcden

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**