

# SCOTT BURDICK

---

Washington D.C.

(571) 278-8858

scott.m.burdick@gmail.com

## PROJECTS

### **Datcord**, *Discord Inspired Web App*

- Implemented real-time feedback for users' instant messaging
- Generated a Rails backend for managing the users' servers and channels
- Deployed production version of fullstack web app using Heroku

### **Lazy Record**, *Custom Object Relational Mapping Framework*

- ORM built using Ruby and heredocs to implement SQL queries for leaner backend code
- Implements metaprogramming with OOP standards for succinct class structures
- Tested using RSpec and an SQLite database

### **Air Hockey 2P**, *JavaScript Browser Game*

- Custom game physics written in JavaScript
- Allows for simultaneous two-player input for classic side-by-side keyboard competition
- Game visualization implemented with HTML5 Canvas

## SKILLS

- Ruby • Ruby on Rails • RSpec • JavaScript • jQuery
- React • Flux (Redux) • SQL • Git • HTML5 • CSS3

## FOREIGN LANGUAGES

- Arabic • Hmong

## WORK EXPERIENCE

### **Research / Teaching Assistant**, *BYU, Provo, UT*

Aug. 2017 - Jan. 2018; June 2015 - Apr. 2016

- Interpreted Hmong for ethnographic field research teams in Kunming, China and Sapa, Vietnam
- Translated and transcribed Hmong interviews for research and academic publications
- Facilitated weekly discussion and lecture series on the foundations of anthropology and ethnographic research
- Provided mentorship and feedback for 50+ students as they developed their subject-specific projects

### **Service Volunteer**, *Church of Jesus Christ of Latter-day Saints, Fresno, CA*

June 2012 - Apr. 2014

- Coordinated with interfaith-based community leaders on volunteer opportunities within local Hmong population
- Held weekly leadership training for staff of 15-20
- Established regional goals and carried out individual area assessments for personnel
- Taught weekly English lessons to groups of 4-5 Hmong refugees

### **Camp Counselor**, *GMU, Manassas, VA*

June 2014 - Aug 2014; May 2012 - Aug. 2012

- Coordinated with team of 15+ to manage facility space of Freedom Aquatic and Fitness Center
- Provided leadership to 400+ campers as a role model of respect, punctuality, and enthusiastic collaboration
- Identified and responded to concerns through proper documentation and effective communication

## EDUCATION

### **BA, Brigham Young University, Provo, UT**

Apr. 2019

BA Middle Eastern Studies/Arabic; Minor: Anthropology

### **App Academy, New York, NY**

Dec. 2018

Software Engineering Program (1200+ Hours, Acceptance Rate < 3%)