

# JAMES VO

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## EDUCATION

**University of Alberta – BSc. With Specialization  
Computing Science- Maj**

2014-2019

## PROJECTS

### **Ranking Manager**

May-August 2017

- Made in Python, utilized the Glicko rating system in conjunction with tournament data obtained from challonge.com API to update and maintain player rankings
- Main tool for ranking of players in the Edmonton and Calgary Smash Bros. communities
- Used Github to coordinate and work alongside two other individuals

### **Habit App**

September-December 2017

- Made in Java using Android Studio
- Designed to keep track of daily/weekly tasks to build habits
- Used Github to work closely with 3 other individuals
- Contributed to project planning, structure, and object-oriented design
- Implemented Elasticsearch to provide search and online functionality

### **Connectify App**

January-April 2019

- Created a Django social web application (akin to Diaspora)
- Utilized Materialize CSS
- Developed our own API to interact with several other groups
- Used Github to coordinate with 4 other individuals in order to streamline design and implementation

## WORK EXPERIENCE

### **Network Analyst — Government of Alberta**

May 2018-Aug 2018

- Configured and setup wireless access points, switches, and routers at sites
- Wiped and surplus WCS and evergreen equipment
- Inventory tracking, labeling, and data entry to update data base for all four teams
- Print team reporting and update support information for print architecture
- Migrate print queues to a new 2016 server infrastructure

## VOLUNTEER EXPERIENCE

### **President — University of Alberta Smash Bros. Group**

2015-2016

- Organized weekly and monthly meetups, fostering a community and providing approximately 50 individuals on average, the opportunity to play with other like-minded individuals
- Helped organize and run an event that raised approximately \$5500 for the Canadian Mental Health Association
- Held monthly meetings and kept executive members accountable
- Successfully obtained several grants throughout the fiscal year

### **Study Buddy — Metro Continuing Education**

2014-2016

- Engaged in weekly tutor sessions with a diverse group of elementary-level students in all subjects
- Worked in tandem with the class's teacher to ensure that I could properly and sufficiently provide students with meaningful and insightful sessions

### **Student Volunteer — Science FUNDamentals**

2014-2016

- Engaged in outreach activities with a paired volunteer to foster interest in science among elementary students
- Conducted practical demonstrations both on monthly school visitations to the same class, and at university-hosted events

## SKILLS

### **Programming Languages**

Experienced:

◦ Python ◦ SQL ◦ HTML ◦ CSS ◦ Javascript

Some Experience:

◦ C ◦ Java

### **Databases**

◦ SQLite ◦ MySQL

### **Frameworks**

◦ Django ◦ Vue ◦ React

