

# ANDREW WOOD

Searching for: 4 Month Work Term Summer 2021

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## PROJECTS

### RNN Music Generation [GitHub]

January 2021

- Successfully trained a recurrent neural network to generate Irish folk music
- Utilized a long short-term memory architecture and familiarized myself with implementing a basic gradient descent algorithm
- Utilized: Python, TensorFlow, NumPy, Machine Learning

### Book Tracker [GitHub]

December 2020

- Designed a fully functional virtual library Android app, including adding, scanning, searching, borrowing, and returning books
- Experienced working with a team in an Agile environment, collaborating with a pseudo-client
- Utilized: Java, Android SDK, Agile, Git, Firebase, XML

### Wikipedia Clone [GitHub]

July 2020

- A copy of Wikipedia with many of the same functionalities (adding, searching, editing, etc.)
- In order to get acquainted with web technologies, I used Python along with Django to create this project
- Utilized: Python, Django

## EXPERIENCE

### Front Supervisor

Pho Xpress

October 2017 – Ongoing

Edmonton, AB

- Supervise the front of house to ensure efficient and smooth operations at all times
- Interact with patrons to provide an exceptional level of service in high pressure situations
- Responsible for training new employees

### Freelance Web Designer

Independent

March 2020 – June 2020

Edmonton, AB

- Collaborated with clients to design and build webpages according to specifications and ongoing revisions
- Created website interfaces using standard HTML/CSS practice and Wordpress

### Independent Contractor/Sales Representative

Liberty Security

May 2019 – August 2019

AB, SK, NL

- Top 5 rookie salesman in the company
- Met monthly sales quotas and won incentives on a consistent basis
- Developed a strong mindset through hard work in a self-motivated and commission based environment

## EDUCATION

### 4th Year BSc. Computer Engineering

GPA: 3.0/4.0

University of Alberta

September 2015 – April 2022

## SKILLS/COURSEWORK

Python

NumPy

pandas

Java

Android

SQL

Git

Algorithm Design & Analysis

Data Structures

Agile

TensorFlow

Django

## EXTRA-CURRICULARS

### Third Year Representative

Computer Engineering Club

September 2018 – Dec 2018

- Executive position elected by peers to represent the third year computer engineering students in faculty and disciplinary affairs.

### Club Member

University of Alberta Badminton Club

September 2018 – April 2020

- Played badminton weekly
- Entered quarterly tournaments to satisfy my competitive craving

### Volunteer

Science FUNdamentals

January 2019 – April 2019

- Taught lessons and presented fun experiments to elementary school students
- Gained expertise and comfort with public speaking
- Sharpened my teamwork skills through working with a colleague to collaborate with a professional

### Vice President of Finance

Super Smash Bros. Club

September 2016 – September 2017

- Senior executive position, elected to oversee the financial and business decisions for the organization
- Oversaw a \$6000 budget, keeping accurate and readable financial documents
- Applied, and was approved for, grants for club events

## PERSONAL INTERESTS

Lifting Weights

Financial Markets

Running