

Leah Copeland

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01 PROFILE

Student currently attending the University of Alberta who is passionate about problem solving. I am always looking to learn something new.

02 EDUCATION

Sep 2016 — Dec 2021

University of Alberta

Computer Science/Psychology

03 RECENT PROJECTS

Jan 2021 - present

Distributed Social Networking Platform

- Set up the social networking site with the Django framework.
- Understand and build HTTP 1.1 compliant web servers and clients.
- Understand HTTP and web architecture/protocols.
- Handle web data serialization and exchange.
- Develop a HTML/CSS/JS coated version user interface.
- Develop a test suite for the Django application and automate it with GitHub actions.
- Attend bi-weekly SCRUM meetings with development / design team.

Jul 2020 - Jan 2021

Python Automation at Alberta Company

- Analyzed and compared what libraries were best suited to complete the required task
- Evaluate maintainability, portability, and reliability of libraries
- Worked with non-native python libraries such as requests, selenium, bs4.
- Worked with API's such as VirusTotal, ABUSEIPDB, MAPI, and URLScan.
- Developed detailed presentation package outlining the proposed solution
- Presented to the Director of Information Security and the security team.
- Discussed script optimization, increase of scope, and deployment strategy.
- Learned about information security and creative ways to combat phishing practices.

Apr 2020 - May 2020

Virtual Hackathon

- Developed a [frogger-style game](#) for PC and Android mobile.
- Worked in a team using GitHub as version control.
- Worked under a mentor to obtain guidance and follow project recommendations.
- Programmed in C# and used the Unity development platform.

Jan 2020 - Apr 2020

Android Application development at the University of Alberta

- Worked in a team to develop a ride sharing application for Android mobile.
- Used GitHub as version control.
- Worked in a mock client - developer setting.
- Developed tests using JUnit and Robotium and deployed these tests using Travis CI.
- Integrated google maps services using Google Cloud Platform & API's
- Followed Agile and iterative software development practices.
- Developed a [user guide, design mock-ups, performed object-oriented analysis](#), and created a [demonstration video](#).

04 PROFESSIONAL DEVELOPMENT

Aug 2019 — Oct 2019

C++: From Beginner to Expert at Udemy

Dec 2019 — Jan 2020

Java For Absolute Beginners at Udemy

Sep 2018 — Dec 2020

Problem Solving, Python Programming, and Video Games at Coursera

Jan 2020 — Feb 2020

The Complete SQL Bootcamp at Udemy

Feb 2020 — Mar 2020

Data Visualization in D3.js at Udemy

05 LANGUAGES

- | | | | |
|--------------|-------|------------|--------|
| ▪ Java | ▪ C | ▪ SQL Lite | ▪ HTML |
| ▪ JavaScript | ▪ C++ | ▪ SQL | ▪ CSS |
| ▪ Python | ▪ C# | ▪ perl | ▪ VBA |

06 EMPLOYMENT HISTORY

01/2020 — Present	Event Coordinator at KMG Events	<i>Edmonton</i>
04/2018 — 03/2020	Receptionist at Edmonton BMW and MINI	<i>Edmonton</i>
11/2016 — 08/2018	Banquet Server at The Derrick Club	<i>Edmonton</i>

07 REFERENCES

References Available Upon Request.