

# Leah Copeland

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## 01 PROFILE

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

## 02 EDUCATION

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Sep 2016 — Dec 2021	<b>University of Alberta</b> Computer Science/Psychology
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## 03 RECENT PROJECTS

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### Jan 2021 - present **Decentralized 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 action.
- 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

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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

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

## 06 EMPLOYMENT HISTORY

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

## 07 REFERENCES

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### **Ronak Bhatt**

ATRF

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### **Katherine Gallagher**

KMG Events

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### **Jan Parks**

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### **Terrance Mah**

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