

# Shaishav Shah

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## TECHNICAL SKILLS

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<b>Languages:</b>	Python, Java, HTML/CSS, SQL (MySQL), C++	Learning: C/#, JavaScript, Go
<b>Data Science:</b>	Pandas, NumPy, Matplotlib, Hypothesis Testing, BS4	Learning: TensorFlow
<b>Frameworks:</b>	Flask	Learning: Django, React.JS
<b>Development Env:</b>	Proficient in VSC for Windows Development, Bash terminal for Unix	
<b>Other Tools:</b>	Git (Version Control), Office 365, Cybera RAC	

## EXPERIENCE

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Students for Machine Learning in Business | **Co-Director of Programming** Edmonton, AB | Oct 2020 - Present.

- Designed & evaluated Machine Learning challenges with applications in business and finance to increase participation by 50%.
- Coordinating and planning upcoming events while maximizing participation.

Satyam Financial & Insurance Services Inc | **Office Administrator** Edmonton, AB | Feb 2019 - Mar 2020

- Automating insurance quote calculations to save agents over 5+ hours weekly.
- Implemented continuous process improvements for unexpected workflow changes.

City of Edmonton | **Amenity Attendant** Edmonton, AB | Jul 2018 - Mar 2020

- Educate and engage patrons and users while enforcing safety protocol.
- Functioned as a team player by executing duties while additionally considering workload of co-workers.

## RELEVANT PROJECTS

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**Cash Management App** – Java, OCR recognition in Firebase, Android Studio, GitHub

- Developed a fully functional android application incorporating multiple libraries for Hack-The-North event.
- Designed an interactive interface allowing users to capture a receipt using camera, which gets processed by machine learning and text recognition, returning a summary of spending.

**Stock Market Widget** – Python, BeautifulSoup4, Tkinter, Matplotlib

- Developed optimized algorithms to scrape and sort top performing stocks using BeautifulSoup4 on financial sites.
- Designed an interactive GUI allowing for searches, live-price charts, and live-updating news feed for the selected stock.
- Implemented Object-Oriented design to write clean and organized code.

**Grapher** – Flask Framework, HTML/CSS, Python, Cybera RAC Server

- A fully developed webpage for Lillian Osborne High School intended for student use.
- Allows users to upload data files, receiving a fully created graph image in return.
- Configured and hosted on Cybera Rapid Access Cloud, now managed by Lillian Osborne High School.

## EDUCATION

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**University of Alberta** | BSc. With Specialization in Computing Science

Edmonton, AB | 2020 – 2024

- Pursuing Business minor
- 4.0 GPA in all courses

**Lillian Osborne High School** | High School Diploma

Edmonton, AB | 2017 – 2020

- Honors with Distinction Award Recipient in all three years
- Rutherford Scholarship Recipient