

Kritarth Shah

Bachelors of Science (BSc) Hons - Computer Science Co-op
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TECHNICAL SKILLS

PROGRAMMING

Python • R • Java • JavaScript
HTML • CSS • Linux/Unix
C • MySQL • PHP • Rust
Elixir • Haskell

TECHNOLOGIES

PyCharm • Jython • Git
ELK Stack • Pandas • NLP
Jupyter Notebook • VS Studio Code
Eclipse • Jira • MS Word
Jenkins • Android Studio

EDUCATION

RYERSON UNIVERSITY

BSc IN COMPUTER SCIENCE

Anticipated: 2023 | Toronto, ON
Cum. GPA: 3.95

KEY COURSES

UNDERGRADUATE

Computer Science I and II
Computer Organization I and II
Data Structures and Algorithms
Software Engineering
Comparative Programming
Discrete Structures

ACHIEVEMENTS

2019 - Dean's List
2018 - Ryerson University - Entrance
Scholarship (Value: \$8000)
2018 - SHSM ICT Certification
2018 - Waterloo CCC - Top 25 percent
2018 - Waterloo Euclid - Top 3 in
High-school

INTERESTS

Machine Learning • AI • Big Data
Cloud • Computer Vision •
Hackathons • Swimming • Basketball

EXPERIENCE

DEVOPS ENGINEER

| CGI

Sept 2020 - Present | Markham, ON

- Developing **Python** automation scripts for collecting and processing data from Chrome web applications using **Selenium** tool.
- Configuring and managing deployments for fast and efficient flow of development environments.

SOFTWARE DEVELOPER

| N-MICRO IT SOLUTIONS

June 2020 - Aug 2020 | Brampton, ON

- Developed an application package using **ELK stack** to create a pipeline that visualizes client logs in real time.
- Created advanced **MySQL** database queries to custom filter data from user logs.
- Documented research and application source code for knowledge transfer.

COMPUTER TECHNICIAN

| SK COMPUTERS

June 2017 - Aug 2017 | Brampton, ON

- Fixed individual components inside computers that helped save **hundreds of dollars** in new parts.
- Managed the store with laptop fix-up and customer service while the manager was unavailable making more operation hours for the store

PROJECTS

SPAM MAIL DETECTOR

| PYTHON, JUPYTER NOTEBOOK | NLP, NLTK, PANDAS, SKLEARN

- Created algorithm to filter/clean data using **TFIDF**, vectored data and used **RandonForestClassifier** library to train and test data to determine if the given text is a spam or ham.
- Used Python libraries such as **nltk, pandas, sklearn and matplotlib** for the program.

RE-PILL

| PYTHON, FLASK, FIREBASE, JAVASCRIPT, HTML, CSS

- Worked in a team of three to develop web application that extracts key information (work scrapping algorithm) from a prescription image and creates a Google Calendar based on collected information.
- Used python libraries such as **tesseract** (to extract text from a png/jpg file) and **oauth2client** to connect to **Google API** with client token.

CAR-DEALERSHIP SIMULATOR

| JAVA | OBJECT ORIENTED PROGRAMMING

- Created a script that is similar to the data and back-end of a car-dealership application (Similar to autotrader.ca).
- Created **algorithms** and functions to portray inventory, sales team, sales, transactions and car filters.