

# Daanish Mazhar

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## Professional Experience

### Gordian Software (YC W'19), Software Engineer, San Francisco

- Created automated web and data scraping systems for Gordian's API serving over 60 airlines and hundreds of booking platforms
- Utilized Python, JavaScript, PostgreSQL, Flask, React, Scrapy, GraphQL & REST, Heroku, and Amazon Web Services
- Lead to in-depth understanding of web & data scraping, REST API development, GraphQL deployment and database management
- The tools I developed directly support over 10 major airlines and thousands of traveling customers

### Google, CSSI Fellow, Seattle

- Worked on an auto-diagnostics machine, which intelligently diagnoses standard compiling issues
- Utilized Java, C++, Python and several backend web technologies
- Lead to in-depth understanding of neural networks, machine learning techniques and tools (specifically TensorFlow)
- As a final project, I created the first version of Neybor, my current Startup.

### Neybor, CPO, Calgary

- Worked on Neybor, a platform to help neighbors to find and perform services for each other.
- Utilized React Native, Laravel and REST API's and Node.Js to build out the platform
- Resulting in the creation of our prototype, currently being tested throughout Calgary.

## Personal Achievements, Activates and Certifications

### Achievements:

- Canadian Computing Competition (UWaterloo) Distinction Recipient (Top 10% in the country)
- University of Calgary Skunkworks (Tesla Competition) 2017 Winner
- Startup Weekend Calgary (Summer 2018) Winner
- VEX Robotics Alberta Provincials Semi-Finalist

### Activities:

- YCombinator Startup School Participant
- Programming Competitor at University of Calgary
- Programming Mentor at Sir Winston Churchill High School
- Over 150+ hours of volunteer work

### Certifications:

- UpWork React.Js Test - Above Average
- UpWork Node.Js Test - Above Average
- UpWork Android Programming Test - Passed
- Udemy Certifications: JavaScript Algorithms and Data Structures Masterclass, React Native and Redux, React Native Advanced Concepts, The Web Developer Bootcamp, The Advanced Web Developer Bootcamp

## Selected Projects – (Available at <http://daanish.me>)

## Software Skills

### • Golang Abstract

Golang Abstract makes extraction summaries from text simple and easy! This algorithm measures relations within sentences (measuring relevant token similarity), length, and position to pick out highlights of the text.

### • Effortless Natural Language Processor

This NLP was created to understand and output intelligently with minimal effort. This NLP can be trained for any kind of data/input. Therefore, if the data is swapped, the NLP can be used in a wide range of scenarios.

- Full stack development with various stacks
- Experience with SQL and NoSQL databases
- Experience in Java, JavaScript, Python, PHP and Golang
- Extensive Experience with REST and GraphQL API's

## Education

### University of Calgary

Spring 2022

*Dual Degree -Computer Science (B.S) and Bachelor of Commerce*

- Relevant Coursework: Data Structures, Computer Machinery, Statistics, Economics, Business Analytics and Managment

### Sir Winston Churchill High School

June 2018

*Mngmt. IB SL*

- 93% unweighted average; 4.0 GPA
- Full Score on IB course Programme

### Bradfield School of Computer Science

2019 - In Progress

Computer Architecture, Languages and Compilers, Algorithms and Data Structures, Operating Systems, Databases, Computer Networking, Distributed Systems, Program Interfaces, Discrete Math