DHIRAJ MEENAVILLI

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Education

09/2019 - Present **Bachelors of Computing Sciences**,
University of Alberta, Alberta, Canada
- Cumulative GPA: **3.2/4.0**

Awards

- Alexander Rutherford Scholarship - University of Alberta

Skills

Programming Languages	Python, Julia, SQL, Java, Javascript, React, C, VBA
Web Design	NodeJS and React
Machine Learning	Julia, Python, SQL
Operating Systems	Linux, Unix, Windows
Automation Tools	GitHub, GitLab
Version Control	Git
Methodologies	Agile, Sprint
Open Source Tools	Visual Studio, PyCharm
General Productivity Tools	Microsoft Excel, Outlook, Microsoft Teams, Slack, Gmail, Google Meet, Google Calendar
Data Pipeline Construction	MongoDB, SQL, Microsoft Access, Microsoft Excel
User Interface Creation	React, VBA
Data Manipulation and Visualisation	Power BI, Microsoft Excel, Python, Julia, R

Work Experience and Projects

05/2022 - 01/2023 **Canada Revenue Agency,**
Data Migration and Analysis Intern

- Learned Excel, SQL, as well as how to appropriately deal deal with legacy systems
- Became very familiar with MS Teams, as well as a host of other office productivity tools.
- Migrated data primarily from legacy systems and Excel sheets to Microsoft Access database.
- Generated backend data pipelines using SQL and frontend UI with VBA.
- Learned to communicate technical ideas and needs with a non technical audience
- Iterated and updated old UI with better more relevant UI, taking inputs about UX to create more human centred design to enhance productivity.
- Generated maps and other data visualisations of problem areas to enhance workflows of end users
- Created documents for internal information sharing purposes.
- Debugged and updated a lot of faulty code to keep up with the changing needs of end users and the data pipelines being built

08/2020 - 02/2021 **Ntwist,**
Front End Web Dev Intern

- Learned full MERN stack development
- Used a lot of git (GitLab) for version controlling and project management
- Had to store and call data from the AI development team and the platform customers
- Learned to work on a development team
- Operated under the Sprint methodology
- Learned to create and use test cases prior to committing code
- Iterated throughout development always going back to improve previous ideas, and add on new ideas

06/2020   **FindShelter,**
           Software Developer

           FindShelter was an application that was designed to help persons
without housing in Edmonton seek shelters matching their needs, such as pet
friendly, women only, offering food, etc.

Responsibilities:
   - Created and implemented a successful working prototype using React
     for the front end and drawing on the Google Maps API for the finding
     of desired locations and filtering.

Volunteering

06/2016 - 06/2017 **Devonshire Care Centre,**
                  Summer Volunteer

   ● Helped with general upkeep around the centre
   ● Took care of the elderly (fed and gave company)