

AYESHA ALI

Bachelor of Software Engineering (Honours), Monash University
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ABOUT ME

My aim is to have a comprehensive understanding of how software engineering impacts the world around me and try to make a positive difference to the community. I enjoy working with talented people and do my best to learn new skills which can help me make a meaningful contribution in my career and help me advance in it. My career interests include Web Development, Machine Learning, Data Science, Automation and UI/UX.

WORK EXPERIENCE

Monash Medical Center

- Part-Time Food Services Assistant Clayton, Melbourne (August 2019 – February 2020)
- Plated patients' meals and transported them to wards with accuracy in a fast-paced environment
 - Ensured the food is safe for patients based on Food Safety Laws and Regulations of Australia

Business Consultant

- Global Victoria Clayton, Melbourne (February 2020)
- Implemented market analysis of the US market for LoopLearn, an Australian startup specializing in automated attendance-keeping solutions for schools.
 - Researched general overview of market attractiveness relevant to the product and top five competitors in the US.
 - Identified legal and regulatory barriers and considerations for expanding an international startup in the US market.
 - Identified interesting startups and technological innovations relevant to the product

PERSONAL PROJECTS

Order Tracking Webpage

(July 2020)

- Developed a web page in Vue.js which displays orders from CSV file in table and can be filtered based on order and product name.
- Wrote a Python script to process various CSV files to get the relevant information, wrote it in a CSV file and converted the data to JSON to support Vue Bootstrap.

Recommendation System

(May 2020)

- Made popularity-based, classification-based correlation system, model-based collaborative filtering system and content-based recommendation system using Python Numpy, Pandas and Scikit-learn modules.
- Used ML algorithms like nearest-neighbor algorithm and logistic regression in the systems.
- Evaluated the models based on precision and recall.

Weather Forecast Program

(September 2019)

- Wrote a command – line application in Python to display weather of any city using the OpenWeather API.
- Tested each component of the code with unit tests and mocking.
- Configured GitLab CI to support continuous integration and deployment.

EDUCATION

Monash University

Clayton, Melbourne (July 2018 – July 2022)

- Bachelor of Software Engineering (Honours)
- Volunteered for Robogals Monash, Engineers Without Borders Monash Chapter and Monash University Islamic Society

ACHIEVEMENTS

- Microsoft Student Learn Ambassador, August 2020 Cohort
- Udacity Microsoft ML Scholarship
- Monash Engineering Students' Society FAME Mentor
- Presenter: International Conference of Undergraduate Research (ICUR) 2019
- Recipient: Monash International Merit Scholarship

SKILLS

Technical Skills C/C++, Python, Java, Unix/Linux, Javascript, MySQL, MATLAB

Technology Git, Tableau, Adobe XD, Figma, Illustrator

REFERENCES

Available Upon Request