

HAMZAH PUNJABI

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EDUCATION

Memorial University of Newfoundland and Labrador

January 2019 – August 2023

Bachelor of Science in Computer Science

GPA: 3.46

Faculty of Science Dean's List 2022-23

SKILLS

Languages	Python, HTML, CSS, SQL, C#, C, C++, Java, Fortran, PHP, JavaScript, TeX
Frameworks	React.js, Laravel, Node.js, Docker, REST, .NET, Express.js, Flask, scikit-learn, TensorFlow
Tools	Git, MongoDB, MySQL, SQLite, Heroku, Unity, Jupyter, pandas, Visual Studio, NumPy

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

October 2023

[Issued by Amazon Web Services Training and Certification](#)

WORK HISTORY

Software Developer (Internship)

September 2021 - August 2022

SmartICE

St. John's, NL

- Maintained and optimized a dashboard for SmartICE using Laravel, ReactJS, and ChartJS.
- Enhanced performance with REST API integrations and database caching.
- Fostered collaboration using tools like Jira, Asana, and Github; managed codebase with Git.
- Integrated ADXL343 accelerometer in C into the SmartBUOY board.
- Implemented a C# Windows Forms feature for SmartQAMUTIK data, offering remote report generation, PDF conversion, and data sharing via Dropbox API.
- Crafted detailed documentation for effective knowledge dissemination.

PROJECTS

Canadian Pollution Visualizer

ReactJS, NodeJS, ChartJS

A web application for visualizing pollution data:

- Generation of various types of graphs and data filters.
- Backend developed using NodeJS and frontend using ReactJS.

LaTeX Resume Tailor

Flask, ReactJS, NodeJS, LaTeX

A web application that aids in customizing LaTeX resumes:

- Upload, select, rearrange, and edit specific LaTeX sections.
- Generate tailored versions highlighting specific experiences and skills.

Wine Quality

Python, NumPy, pandas, Matplotlib, Sklearn

Data preprocessing and analysis project using Jupyter Notebook:

- Analyzed Wine Quality Data Set from UCI Machine Learning Repository.
- Conducted supervised learning, data analysis, feature engineering, and prediction.

EncryptionDecryption

Python, PHP, Pandas, PyMySQL, Cryptography

A utility script for encryption, decryption, and backup:

- Backed up database tables into CSV files.
- Utilized Cryptography for encryption and decryption processes.