HAMZAH PUNJABI

+1 (709) 725-5529 ⋄ 13A Wexford Street, St. John's, NL, Canada

[Portfolio](#) ⋄ hamzahqatar123@gmail.com ⋄ [LinkedIn](#) ⋄ [Github](#)

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
AWS	IAM, EC2, ECS, RDS, Aurora, Route 53, S3, Lambda, DynamoDB, CloudFront, VPC, Athena, Kinesis, ElastiCache, EKS, App Runner, SQS, CloudWatch

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.

Blood2D　　　　　　　　　　　　　　　　　　　　　　*C++, SFML*
A game developed as a group project:

- Features like collisions, inventory, shaders, custom UI, advanced NPCs, and a custom level tool.
- Developed using the SFML library.