Alissia Rugina

Toronto, Canada | www.linkedin.com/in/alissia-rugina | 437-669-0888 | alissiarugina@gmail.com

EDUCATION

Delft University of Technology   **Delft, The Netherlands**
Bachelors of Computer Science & Engineering   June 2023
●Followed the Data focused track. Coursework covered topics related to Algorithm Design, Data Structures, Software Development, Theory of Computation & more.

Vrije Universiteit Amsterdam   **Amsterdam, The Netherlands**
Minor Program in Applied Econometrics   Sep 2022 - Feb 2023
●4-month program to explore econometric modelling in areas such as finance and economics. Course work included modeling and forecasting time series, estimating causal effects, volatility modeling, etc…

Thornlea Secondary School   **Thornhill, Ontario, Canada**
Ontario Secondary School Diploma & French Immersion Certificate   June 2020

SKILLS & INTERESTS

Tools & Technologies
Java | Python | React | Scala | R | SQL | Git | Excel | Figma
Microsoft Azure Cloud (ongoing training for certification)
Languages
English (native), French (fully fluent), Romanian (conversational)

WORK EXPERIENCE

Husky Intelligent Fridges   **Amsterdam, The Netherlands**
Software Engineer Intern (10-weeks)   *April - June 2022*
● Worked on a team of 5 students to develop an Electron Application for Factory Testing *Husky Intelligent Fridges*. The application consisted of a test workflow that instructed users to follow steps and answer questions required to test the "smart" fridge's components (lights, door lock, temperature, etc..), the users' answers were compared to the fridge sensors' readings to determine if the fridge components worked correctly. The application was developed with React and made use of the MQTT library for communication with the fridge sensors'. We worked in Sprints applying Scrum methodologies, using Git to assign Issues, Sprint Planning, and Code Reviews. Attended daily stand ups and Sprint Retrospective meetings. Derived application's requirements based on meetings with stakeholders. Designed the UI with Storyboards (Mira). Used Jest for testing.

ACADEMIC & PERSONAL PROJECTS

Backend Application of Microservices
● Developed a backend Spring Boot application using a microservices architecture. Used RestTemplate to connect the services through endpoints. Wrote unit tests and integration testing. Used Git, Java, Junit (testing), Postman.
Neural Network Classification Program
● Developed a feed-forward neural network with a back-propagation training algorithm. Using training data, trained the neural network to classify store products based on their features. Used Python & NumPy Library.
Personal Website: React Project
● I developed a multi-page personal website using React. Designed web pages and styling using JS and CSS. Made use of React libraries: React Router DOM, React Bootstrap.