

# MATTIA CARGANICO

Toronto, ON M5R 2L9

[www.linkedin.com/in/mattia-ca](https://www.linkedin.com/in/mattia-ca)

437-328-7894 | [mcargani@my.centennialcollege.ca](mailto:mcargani@my.centennialcollege.ca)

*I help companies make data-driven decisions and develop innovative software solutions by leveraging my expertise in data science, programming, and agile methodologies.*

## ACADEMIC PROJECTS

### Airline Company Database

- Designed and implemented a relational database using Oracle SQL Developer
- Simulated an airline company with tables for customers, flights, tickets, luggage, airports, airplanes, and onboard meals

### Real-time Chat

- Established a local network using WebSocket with Node.js on Linux Apache2
- Implemented a chat application with JavaScript
- Enabled real-time, bidirectional communication among users through browsers

### Gallery Web Page

- Created a gallery web page using JavaScript and APIs
- Implemented functionality to fetch random images
- Allowed users to save their favorite images in a personal collection

### Software Requirement Engineering

- Collaborated on writing the Software Requirements Specification (SRS) document
- Drafted UML Sequence Diagram, State Diagrams, Domain Class Diagram, Use Case Diagram, CRC
- Worked as part of a team using Agile methodology

## EDUCATION

**Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma** Jan. 2023 - Present  
Centennial College, Toronto, ON GPA: 4.3/4.5 (A)

### Relevant courses:

Introduction to AI	Java Programming	Software System Design
Linear Algebra & Statistics	Database Concepts	Web App Development
Client-Side Development	Web Interface Design	Unix/Linux OS

## TECHNICAL SKILLS

<b>Data Science:</b>	MongoDB, Oracle SQL Developer, Python (Pandas, Scikit-learn, TensorFlow), Tableau
<b>Programming:</b>	Python, Java, C++, C#, JavaScript (React), TypeScript
<b>Frameworks:</b>	Node.js, Bootstrap, Express.js
<b>Operating Systems:</b>	Unix/Linux, Windows
<b>Tools:</b>	Jira, Trello, VS Code, Visual Studio, Jupyter Notebook, GitHub, Bash shell, Visio, Excel

## CERTIFICATION

<b>Data Science Foundations Fundamentals</b> - LinkedIn Learning	Sept. 2023
<b>Python Statistics Essentials Training</b> - LinkedIn Learning	Sept. 2023
<b>Data Visualization for Data Analysis &amp; Analytics</b> - LinkedIn Learning	Sept. 2023
<b>C# (Basic)</b> - HackerRank	Aug. 2023
<b>SQL (Basic)</b> - HackerRank	Aug. 2023
<b>Agile Development Practices</b> - LinkedIn Learning	Feb. 2023

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## WORK EXPERIENCE

### Claims Adjuster

July 2015 - Dec. 2022

Dekra Italia s.r.l., Milan, Italy

- Analyzed and calculated damage compensation for 90+ tasks monthly, ensuring processing of accurate assessments in a fast-paced environment
- Established and maintained client relationships, facilitating clear communication with stakeholders
- Coached 5 new employees, enabling them to meet set standards and proficiently use processing software