Romain Clemencon

Software Engineer Student - Munster Technological University

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Core Skills

Languages	Java, JavaScript (Node.js, Express, React), Python, C
Technologies	MongoDB, SQLite3, MySQL, Neo4j, Git, Linux, Confluence, HTML, CSS, Stripe.js

Education

Munster Technological University — *Cork, Ireland*

Bachelor of Science (Honours) in Software Development — *Sep 2019 – Present*

- 1st & 2nd Year - First-Class Honours (Cumulative Average 86%)
- Courses: OOP, Data Structures and Algorithms, SQL & NoSQL, Requirements engineering, Discrete Maths

Professional Experience

TELUS International Ireland — *Cork, Ireland*

Customer Technical Support - Stripe — *Jul 2018 – Present*

- Worked with small to large enterprises on finding the best way to implement Stripe with their current business model and how to improve it with Stripe Products.
- Improved implementation and debugged integration of Stripe API for developers in various programming languages.
- Reached personal monthly quality and productivity goals for 100% or above on many occasions.
- Learned outside company hours how to integrate Stripe.js on a web application and how to use Stripe API from a back-end perspective.
- Wrote scripts to demonstrate solutions of implementation issues for developers and team members.

Projects

Covid GUI w/ DataBase — *Java, Maven, JavaFX, JPA, JUnit*
○ *RomainClem/Covid-GUI-DB-Maven-JPA* — *May 2021*

- GUI developed following the MVC patterns with JavaFX to record person details and close contact between 2 persons, with a table to display close contacts and filter by date and/or person details.

Authentication website — *Node.js, Express, Bootstrap*
○ *RomainClem/Node.js-authentication-website* — *November 2020*

- Authentication website made without Passport using its own system with token stored in local storage.

Cutting stock problem — *Java, Dynamic Programming*
○ *RomainClem/Bottom-Up-Cut-revenue-and-type* — *April 2021*

- Algorithm using a bottom-up dynamic programming approach to solve a cutting-stock problem.

Personal Website — *Node.js, Express, React, Bootstrap*
○ *RomainClem/personal-website-react* — *July 2021*

- Personal website created with the knowledge I acquired during my 1st and 2nd year at MTU and personal research / further study. I learned React and implemented it as a challenge for this project.