# Eduard Andrei Broasca

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## EDUCATION

**Maynooth University**                                                                   Kildare, Ireland
*B.Sc. in Computer Science & Software Engineering - 2:1*                     *Sep. 2021 – Sep 2025*

## EXPERIENCE

**Software Engineer Intern**                                                     April 2024 – July 2025
*AQ Metrics Limited*                                                       *Maynooth, Kildare, Ireland*

- Front End Development with Angular, Typescript, JavaScript, SQL
- Jira for tickets and version control
- AGILE practices through Scrum meetings daily
- Developed Front End UI & UX features/components fit to customers' desired specifications & requirements
- Frequently resolved bug fixes, ranging altogether from front-end visual deformities to repairing back-end to front-end interactions

## PROJECTS

**Muscles Made Easy** | *Angular, Typescript, Gitlab, Firebase*                 Oct. 2024 – March 2025

- Capstone project of the bachelor's degree
- Developed a Single Page web-application in Angular (Typescript) with Firebase NoSQL database and deployed it to Firebase's hosting
- Utilized my knowledge and skills gained in the previous years along with experience from work-placement to develop this milestone
- Delivered end-to-end under tight deadlines as sole developer
- Application for fitness enthusiasts of all levels to discover new exercises, build a work-out plan and visualize their growth

**MU Demonstrator Allocation System** | *Python Flask, Docker, Gitlab*          Feb. 2024 – April 2024

- Tasked to nearly overhaul the university's lab demonstrator allocation website.
- Learnt Docker & Python Flask
- Acquired my first SCRUM workflow experience with daily meetings and retrospectives.

**Chord Assist** | *React, Node.js, Ollama, Github*                              Sep. 2024 – Dec. 2024

- Developed a React & Node.js web app for guitar chord learning
- Implemented Ollama LLM for intuitive user assistance

## TECHNICAL SKILLS

**Languages**: TypeScript, Java, Python, Go, C/C++, SQL (Postgres), JavaScript, HTML/CSS
**Frameworks & Libraries**: Angular, React, Node.js, Flask, Material-UI, FastAPI, Matplotlib, NumPy
**Developer Tools**: Jira, Git, Kubernetes, Docker, Kafka, AWS Cloud, Google Cloud Platform, VS Code, Eclipse, Postman, Figma, Godot