# DANIELIUS GREBLIAUSKAS

📞 089-220-5289 ✉ danieliusgrebliauskas@gmail.com 🔗 linkedin.com/in/danieliusgr02/ ⚫ github.com/Dagr02

## Education

**National University of Ireland, Maynooth**                                          **Sep. 2020 – Sep. 2024**
*Bachelor of Science in Computer Science and Software Engineering*

## Summary

Computer Science graduate with full-stack Java experience and a growing focus on LLM applications. As part of my final-year project, built a GPT-4All-powered document review tool for export compliance.

## Experience

**Yahoo EMEA Limited (Ireland) | *Java Spring, Python***                              **Feb 2023 – August 2023**
*Full Stack Software Engineer Intern*
- Built ingestion pipelines to pull articles and their related content from external sources.
- Migrated test suite from Junit4 to Junit5.
- Automated data validation of ingested articles using connection pooling and scheduled tasks.
- Built and deployed a user-reporting API integrated with the Admin Dashboard, improving issue visibility.

## Projects

Final Year Project | **RAG for Academic Document Assessment** | *Python, GPT-4All, Doc2Vec, OpenAI* **October 2023**
- Developed an academic document review tool to identify "dual use" content using local LLMs (GPT-4All, Mistral, LLaMA2).
- Extracted and processed legal document data using BeautifulSoup.
- Calculated abstract-document similarity via Doc2Vec.
- Delivered a functional prototype capable of classifying academic PDFs for export compliance, enabling safer dissemination of research.

Personal | **Workout Tracker App** | *React Native, Spring Boot, PostgreSQL, JWT, Expo*
- Built and deployed a cross-platform mobile fitness app using React Native and Expo with complete front-end/back-end integration.
- Developed a full-featured REST API with Spring Boot, implementing secure JWT auth, refresh token logic, and schema migrations with Flyway.
- Integrated Gmail SMTP for email verification and account activation.
- Leveraged Expo and React Native to enable cross-platform support (Android & iOS).

Personal | **NASA Explorer Web App** | *React, Vite, Node.js, Express, Vitest, Jest, Vercel, GitHub Actions*
- Developed and deployed a full-stack web app using NASA APIs to display space data.
- Integrated Astronomy Picture of the Day (APOD), Near Earth Object Web Service (NeoWs), and Mars Rover Photos APIs.
- Built a responsive UI with HeroUI components and TailwindCSS.
- Implemented a RESTful API backend with Express and Node.js.
- Wrote unit tests for front-end and back-end using Vitest, Testing Library, Jest, and Supertest.
- Deployed on Vercel with GitHub Actions CI/CD.

## Technical Skills

**Languages**: Java, JavaScript, TypeScript, Python
**Technologies/Frameworks**: Spring Boot, Spring, React Native, Expo, Node.js, JUnit5, GPT-4All, Doc2Vec, BeautifulSoup
**Tools**: Git, Docker, Postman, VSCode
**Databases**: PostgreSQL, MongoDB
**Concepts**: Data Structures & Algorithms, REST APIs, Connection Pooling
**Other**: JWT, Flyway, REST APIs