

Shuya Ikeo

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EDUCATION

University College Dublin – Master of Science

Dublin/Ireland

Computer Science | Current GPA [3.48/4.00]

September 2022 – December 2023

Relevant Coursework: [Software Engineering, Data Structures & Algorithms, Web Application Development, Java Programming, Information Visualization]

Meiji University – Bachelor of Engineering

Tokyo/Japan

Applied Chemistry

April 2017 – March 2022

Academic Thesis [“Analyzing the Deodorant Characteristics of Lacquer”]

PROJECTS

Research Practicum - Urban Serenity & Discussion Application

June 2023 – August 2023

Customer Lead - UI Design, Feature Selection, Backend Support

- Developed a web/mobile application that assists users by recommending less crowded locations in Manhattan, based on historical data analysis, complemented with a feature that allows the posting of their likings. Resulted in 85% user satisfaction overall.
- Directed and developed the comprehensive design initiative, spearheading UI conceptualization and feature delineation, while executing code development and implementing an interactive discussion board utilizing React.

Dublin Bike Web Application

January 2023 – April 2023

- Full stack web development of a bike-sharing application, utilizing real-time data integration and predictive analytics to enhance bike availability insights with 92% accuracy.
- Collaborated with a dynamic team of 2, playing a pivotal role in enhancing the website's backend structures, frontend design, and implementing machine learning functionalities.

EXPERIENCE

Vyra - EdTech Startup

Dublin/Ireland

Software Engineering Intern

October 2023 - Present

- Contributed to the development of educational solutions at Vyra using Django, Python, HTML, and CSS, driving businesses towards sustainable practices.
- Collaborated with a seasoned team of engineers in the design and enhancement of web applications, underlining Vyra's commitment to revolutionizing sustainability training for businesses.

[Meiji University] Football Club

Tokyo/Japan

Team Captain

April, 2020 – March, 2021

- Led a team of over 100 members, boosting teamwork and securing top-notch venues through open and effective communication with its owners, raising the club's reputation as well as creating its own training plans.
- Guided the team to its first-ever participation in a national tournament, an event that featured only the top 30 teams from all over Japan, marking a historic achievement for the club.

TECHNICAL SKILLS

Languages: Python, HTML/CSS, JavaScript, Java, SQL

Frameworks: React, Node.js, Flask

Developer Tools: Git, Google Cloud Platform, VS Code, AWS, Docker

Libraries: pandas, NumPy, Matplotlib