

DENİZ KUEY

denizkuey.com

4th Year Computer Science Student

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SKILLS

Programming Languages

Java · Python · C · HTML/CSS · Javascript · Verilog · ARM Assembly · Haskell

Tools and Tech

AI/ML · React · Docker · REST API · Figma · UI/UX Design · Graphic Design · Unix/Linux · Kubernetes

EXPERIENCE

Shutterstock

Dublin, Ireland / January - April 2025

Lead Software Engineer

- Managed a team of eight students in association with Trinity College to build an AI-powered web app processing contributor uploads, reducing manual entry by recognising brands/people in the image and generating keywords using SmolVLM model
- Led the weekly client meetings and decided on the tech stack and milestone planning.
- Drove technical decisions including using Hugging Face Transformers.js implemented into React, using ONNX to run completely on WebGPU as an initiative of green and edge computing.

Clean Services

Istanbul, Turkey / June - August 2023

Business Strategy Intern

- Assisted in designing and executing a crowdfunding strategy, achieving ₺4.05M funding (105% of target) (bit.ly/3EOqpLa).
- Provided strategic recommendations directly to the Chairman of the Finance Advisory Board by financially and strategically analysing potential funding strategies.

IBM

Dublin, Ireland / January - April 2023

Front End Developer

- Designed and developed the frontend in a team of seven in association with Trinity College for an enterprise contact management web application using HTML, CSS, JavaScript.
- Build connection to backend with REST APIs.
- Participated in weekly client meetings, presenting and refining the UI/UX design to clients' desires with Figma.
- Implemented CI/CD pipelines and containerisation using Red Hat, Kubernetes, Docker, Podman, and git.

Fullcharger

Istanbul, Turkey / June - August 2022

Software Engineer Intern

- Participated in the development of web, mobile, and technical software required in EV charging stations using HTML, CSS, and C, which is still in use today on the company's website, mobile app, and charging stations.

Trinity Student Managed Fund

Dublin, Ireland / October 2021 - May 2022

Junior Analyst

- Pitched stocks to senior analysts and tech sector managers monthly with financial analyses and presentations.
- The biggest student-managed fund in Europe, where a percentage of the profit is donated to charity yearly.
- Pitched stock NVDA was selected to be presented to the Advisory Board to be invested in by the fund.

Inveon

Istanbul, Turkey / October - December 2020

Backend Software Developer Intern

- Developed C# in the backend team for external e-commerce clients, including as Watson, Yargıcı retail platforms
- Participated in meetings with c-level executives to discuss clients and the software development process.
- Collaborated in a SCRUM team with weekly sprint deliverables under senior developer mentorship.

EDUCATION

Trinity College

Dublin, Ireland / September 2021 - May 2027

Bachelor of Arts and Masters in Integrated Computer Science

- On track to 2.1 Honours (68%)
- Coursework: AI/ML · Algorithms and Data Structures · Discrete Mathematics · Functional Programming · Networks · Probability · Human-Computer Interaction

Şişli Terakki Vakfı

Istanbul, Turkey / September 2017 – June 2021

IB Diploma Anatolian High School

- IB Diploma Program grade 33/45 with an Extended Essay on: "How does Instagram impact a teenager's mental health between the ages of 15-18 in the 21st Century?"

ADDITIONAL INFORMATION

Soft Skills

Cross-Team Collaboration · Technical Communication · Team Leadership · Solution Architecture · Strategic Analysis

Languages

Fluent in English and Turkish · Intermediate in French

Interests

Human-Computer Interaction · Cryptocurrency · Psychology · Music · Gastronomy and Wine · Cinema · Tennis · [Savee](#)