David Sietko

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Technical skills

Programming Languages   Java, Javascript, Typescript, Kotlin, C, Assembly
Technologies   Git, React, Angular, Next.js, Docker, Rest

Education

Bachelor's Degree   *Trinity College Dublin*
Integrated Computer Science   *September 2023 – Present*

Currently in my second year of a 4 year bachelor's course studying computer science at trinity college Dublin
Option to go for master's in 5th year
Maintained first grade honors >70% in 1st and 2nd year

Work Experience

Ryanair   *January 2025 – April 2025*
Student Intern   *Swords, Ireland*

- Worked as a student SWE Intern at Ryanair to create an inventory control system designed to increase flight turnover speed by 30 minutes
- Worked as part of the frontend team using the Angular framework to create an interactive webpage
- Implemented a clean dashboard on the webpage to display all of ryanair's flight inventory data
- Configured webpage to be mobile friendly in order to be used on Ryanair crew handheld devices

Webworld, Ireland   *May 2024 – September 2024*
Software Engineer Intern   *Dublin, Ireland*

- Performed regular server updates, patches, and security audits
- Collaborated with senior developers on code reviews, debugging, and performance optimization
- Assisted in the development of web applications using Javascript / React
- Automated deployment workflows using CI/CD pipelines
- Participated in code reviews to ensure code quality and shared knowledge
- Documented code and created user guides for non-technical team members

Projects

Gym App   *Summer 2024*
Fitness Tracking Web-app

- Technologies: Processing –> Graphical IDE based on Java and Git to store the code in the cloud.
- Solo project where I created a gym application that allows a user to record and keep track of their fitness journey.
- The app has an interactive and simplistic user interface that allows the user to easily input and view their progress.

Flights App   *Spring 2024*
Flight Tracking Web-app   *Trinity College Dublin*

- Technologies: Processing –> a graphical IDE based on Java and git to store the code on the cloud.
- A group project consisting of 6 people, where together we built an app that takes data from a text file and renders it on a screen for the user to view and manipulate.
- The app has many innovative features that allow the user to render the data in their own preferred way, and they can then view it as they wish.