Sam Taylor

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Hard-working and motivated student of Computer Science with a specific interest in server side development

Technical Skills

Languages: Java, Python, C, Typescript, JavaScript
Frameworks: Django, NestJS, Jest, ReactJS, Spring Boot, JUnit
Developer Tools: IntelliJ, Visual Studio Code, Git, Eclipse, Postman, PyCharm

Work Experience

Software Engineer — September 2023 - Present
Software Engineering Intern — June 2023 - August 2023
Xelda | Python, Django, Typescript, ReactJS, Git — *Dublin, Ireland*

- Member of a small full-stack engineering team in a FinTech startup
- Responsibilities spread across the front end and back end, including deploying releases and monitoring issues
- Involved reacting in a timely manner to customers' concerns or issues
- Main area of expertise was in third-party integrations

Sales Assistant — June 2021 - Present
Joe Daly Cycles — *Dublin, Ireland*

- Demonstrated expertise in providing exceptional customer service by assisting customers with product selection, addressing their inquiries, and resolving issues related to their bikes
- Proven skills in problem-solving, payment processing, email communication, and maintaining high levels of customer satisfaction

Education

Trinity College Dublin — September 2021 - Present
B.A. (Mod) in Computer Science with option to continue for M.Sc. — *Dublin, Ireland*

Grades

- **Junior Fresh:** I.I
- **Senior Fresh:** I.I

Key Modules

- **Junior Fresh:** Intro to Programming, Intro to Computing, Programming Project, Mathematics
- **Senior Fresh:** Systems Programming, Software Engineering Project, Algorithms and Data Structures, Discrete Mathematics
- **Junior Sophister:** Software Engineering, Computer Networks, Concurrent Systems

Wesley College Dublin — September 2015 - June 2021
Secondary Education — *Dublin, Ireland*

Projects

Competitor Matching System | *Python, Django, FAISS, YOLO, ResNet* — January 2024 - April 2024

- Lead a team of 11 college students to construct a full end-to-end competitor matching machine learning system using logo detection
- Built a fully scalable system to recognise brands by their logo including pipelines for adding support for additional brands

Xelda SwEng Project | *Python, Django, REST API, Git, VS Code, Postman* — January 2023 - April 2023

- Developed a micro-service abstraction that provided integrations to multiple external REST services

Achievements

- **May 2021:** Reach the Gael Linn All-Ireland Final in Irish Debating
- **June 2021:** Achieved Grade VIII in Oboe
- **June 2021:** Received Silver Gaisce Award
- **September 2021:** Awarded Entrance Exhibition Scholarship to Trinity College Dublin
- Academic awards in Trinity College Dublin for Junior and Senior Fresh