

James Fitzpatrick

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Profile

A final year Computer Science student at the University of Exeter, aiming to secure a programming position.

Education

 09/2021 - 06/2024  EXETER, UNITED KINGDOM

BSc Computer Science — 1st **University of Exeter**

Relevant Modules:

- Software Development
- Enterprise Computing
- Data Structures and Algorithms
- Database Theory and Design
- Computational Mathematics
- Network and Computer Security
- Artificial Intelligence and Applications
- Web Development

 09/2019 - 06/2021  EXETER, UNITED KINGDOM

A-Levels **Exeter School**

- Computer Science — A*
- Mathematics — A*
- Further Mathematics — B
- Physics — A

 09/2014 - 06/2019  EXETER, UNITED KINGDOM

GCSEs **West Exe School**

10 GCSEs including Maths and English.

Skills

Programming Languages:

Java, Python, TypeScript,
JavaScript


Frameworks:

Django, Flask, Spring Boot,
Next.js

Misc:

Docker, GitHub Actions, CI/CD,
Firebase, Git/GitHub, Linux, SQL,
ReGex

Awards

 01/2019

Devon Young Person of the Year **Devon County Tennis Association**

<https://bit.ly/tennis-award>

The above link will download the DEVON LTA COUNTY AWARDS 2018 pdf as the webpage with awards has been taken down.

Projects

Dissertation Project -- University

- Designed and implemented a Java application for a business-to-business company, facilitating the input of company URLs to generate comprehensive summaries of the products and services offered by the companies.
- Application could be used to replace manual processing with an automated system to improve efficiency and accuracy of identifying companies to fulfil specific products and/or service requests.
- Utilised Apache Maven as build system and integrated JUnit5 for effective unit testing of the application.

Personal Website -- Personal

- Designed and developed a personal portfolio website showcasing personal information and projects using TypeScript, React and the Next.js Framework.
- Utilised Tailwind CSS and Framer Motion for styling, incorporating modified components from Aceternity UI.
- Successfully deployed the website on Vercel for access at jamesfitzpatrick.dev.

EcoLegends -- University

- Spearheaded a collaborative software engineering project focused on gamifying being sustainable.
- Served as the technical lead, guiding team members in implementation and facilitating group meetings.
- Developed multiple components of the frontend and backend systems.
- Contributed to the implementation of a queue system and sockets for enabling multiplayer battles with in-game items and upgrades in a top-trump style format.
- Implemented Continuous Deployment to a VPS with Docker.

Work Experience

 09/2019 - PRESENT  EXETER, UNITED KINGDOM

Tennis Coach **Exeter Golf and Country Club**

- Organized and led group drills and practice sessions to enhance players' skills and tactical abilities.
- Provided constructive feedback and guidance to players during match play to help them make decisions.
- Delivered sessions to players of all ages and abilities including sessions for players living with disabilities.
- Regularly volunteer to umpire matches or run junior tournaments at my club.
- Level 2 LTA qualified with first aid and DBS check.