

James Kellett

York, UK • jamesgeorgekellett@icloud.com • [Website/ Other Contacts](#)

Education

2021 – 2024, BEng Computer Science, University of York

Thesis: A package manager for the Isabelle Proof Assistant – a software artefact for optimizing dependency management in formal proof software.

By completion of this degree, I have gained the following skills:

- Advanced Software Engineering such as microservices and data intensive model driven engineering, specifically in Object Oriented languages such as Java.
- Machine Learning and Data Analysis by popular Python ecosystem tools including pytorch, numpy, pandas and matplotlib.
- Computer Architectures and Systems by OS level concurrency, networking and resource management alongside hardware level design of a simple single CPU.

Runshaw College

2019 – 2021, Runshaw College

A level – Computer Science, Mathematics, Physics

AS level – Further Mathematics

Technical Skills

- Programming languages: Java, Python, JavaScript, C, C++
- Frameworks: HTML, CSS, SQL, Liquid, JSON, Markdown
- Developer Tools: Git, GitHub, Linux

Work Experience

Justin Kellett Opticians – Software Solutions *Horwich, Nov 2021 – Present*

- Worked using XEYEX optics management software to organize an inventory of 1000+ unique products alongside customer records/ appointment listings.
- Managed product listings on the business's Shopify site, organising content and product categorisation using Shopify's Liquid templating language
- Contributed to an increase in sales revenue by supporting better product visibility and user-friendly site navigation

McDonald's – Crew Member *Bolton, Oct 2019 – June 2020*

- General food preparation and service work
- Supported the team performing closing shifts, providing a better working environment for those working the next day

Skills and Interests

Languages: English (native), Japanese (Intermediate Fluency)

Interests: Chess, Table Tennis, Strength Training, Photography. Languages