

Anish Kanda

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EDUCATION

Royal Holloway, University of London; BSc (Hons) Computer Science

09/2020 – 07/2023

- **Result:** First class with Honors
- **Relevant Modules:** Software Engineering, Object-Oriented Programming, Algorithms and complexity, Databases, Machine learning, Multi-dimensional data processing, Computational Finance, Functional Programming, Information security.

The Douay Martyrs Roman Catholic Secondary School

09/2012 – 06/2019

- **A-levels:** Mathematics, Psychology, Computer Science
- **GCSE's:** 11 GCSEs including Mathematics (7) and English (4)

TECHNICAL SKILLS

Languages/Frameworks (proficient): Java, PostgreSQL, HTML, CSS, Git/GitHub, GitLab, SVN.

Languages/Frameworks (prior experience): C, PHP, Haskell, Scala, JavaScript, Python.

PROJECT EXPERIENCE

Dissertation topic: "A study into HCI - The effects of design on usability and interactivity w.r.t. user experience." - HTML, CSS, JavaScript

- Developed strong research and analytical skills while creating several interfaces and applying varying levels of theoretical HCI-related concepts such as colour theory, visual perception & cognition, accessibility, and human processing.
- Analysed and evaluated each interface by applying industry standards and practices such as A/B, Usability and Statistical testing to determine which concepts provide a better user experience and why.

Machine Learning project(s) – Python (Sci-kit Learn)

- Implemented an inductive conformal predictor for regression using the LASSO, data-preprocessing and parameter selection on the diabetes dataset, created by Tibshirani et al. (2004), to predict the likelihood of a sample being classified as diabetic and to develop an understanding of how to apply supervised machine learning algorithms in industry and medicine.
- Applied machine-learning algorithms using SVM's, neural networks, pipelining and cross-conformal prediction algorithms on the Scikit learn wine dataset and the USPS dataset of handwritten digits (Hastie et al. (2009))

Full-stack Restaurant management system web application – PHP, HTML, CSS, JavaScript

- Co-led and Collaborated with a team, applying Agile methodologies (SCRUM) to create a web application that allows customers to place orders which are managed by the waiter and kitchen staff of the restaurant.
- Implemented essential features, including user log-in authentication and staff pages, linking the frontend and backend systems to secure orders and store customer-related information within a live database.

Reverse Polish Notation Calculator - Java

- Applied Test-Driven Development (TDD/Unit testing), Waterfall and Agile methodologies, alongside various design patterns such as MVC and Factory, to create a reverse polish Notation calculator.
- Incorporated the use of industry standards & tools such as SDLC, Continuous integration/testing, Maven, JUnit, and Javadoc.

WORK EXPERIENCE

Currys

2019 - Present

Sales and Support assistant

- Improved problem-solving skills by effectively addressing customer issues and complaints, resulting in notable company recognition and high customer satisfaction.
- Managed, trained, and supported new team members on the operations of the business and the customer sales journey.
- Demonstrated commercial awareness by maintaining an up-to-date understanding of newly released products, FCA compliance and other GDPR-associated regulations.
- Consistently exceeded sales targets which contributed to boosting store sales and meeting period goals.

The British Heart Foundation

May – June 2016

Financial Analyst/Accounting Intern

- Collaborated with a senior financial analyst to link financial statements together for financial modelling and valuation.
- Evaluated completed Excel models which were then converted into presentations used by the financial analyst.
- Observed the generation of recommendations on how to improve the operations of a business.
- Analysed receipt, expenditures and how the company makes decisions on controlling inflow and outflow.

LEADERSHIP & ADDITIONAL ACTIVITIES

Hillingdon Young Volunteers

- Enhanced my skills in empathy and communication by volunteering in the community, leading and delivering presentations on the impact of volunteering to the Mayor of Hillingdon Borough.

Hillingdon Young Peer Educator levels 1 & 2

- Produced and led several presentations/workshops spreading awareness on sensitive issues which included adolescent emotional health and wellbeing, relationships, sexual health and wellbeing, and substance misuse.

Duke of Edinburgh Bronze award

- Led, planned and managed a team of six people on a two-day 30 km hike; gained hands-on experience in managing and leading a significant project and quickly adapting to sudden unanticipated changes/situations for the betterment of the team.

OTHER SKILLS & INTERESTS

Languages: English, Hindi, Punjabi (Fluent)

Interests: Gym, Football, Travelling (Love to explore new cultures, try out different foods and meet new people), Gaming, Reading/attending AI talks.

IT: MS Office Suite (Word, PowerPoint, Excel, One Note)