

# SADIQ AL-SANDOUK

sadiqalsandouk@hotmail.com

github.com/sadiqalsandouk

## EDUCATION

**BSc Computer Science**, Brunel University

Sep 2018 – June 2021

- Elective modules include Algorithms and their applications, Software Engineering, Cyber Security and Artificial Intelligence

A Levels in **History** (B), **Economics** (C) and **Mathematics** (D), Whitmore 6<sup>th</sup> Form

Sep 2016 – June 2018

## TECHNICAL SKILLS

**Programming** – Experience with Python, Java, R, HTML/CSS, JavaScript and SQL

**Tools and Technologies** – Bootstrap, Git, SPSS, RStudio, Android Studio, Adobe Photoshop and Adobe After Effects

## WORK EXPERIENCE AND PROJECTS

**Final Year Project**, Brunel University

Present

- Actively developing a system to be used as an advisory medium for decision makers through using real-time data to predict/rank the urgency of a patient's treatment, to both decrease friction and reduce pressure caused to medical resources by COVID-19. (SQL/MySQL)
- Directly involved in all aspects of the project from conceptualisation to designing and then implementing machine learning classifiers. (Python and R)

**Software Developer Intern**, Tripo (Travel Start-up)

June 2019 – July 2019

- Collaborated within a team of 4 to develop an Android Application under a strict 8-week schedule.
- Gained first-hand experience with version control (Git/GitHub)
- Completed the initial wireframing which set the foundation for the features used on the final application (Adobe XD, Adobe Photoshop, Figma)

**FileGenics** (File Sharing Application)

- Designed, implemented and delivered a unique file sharing android application using Java and Android Studio.
- Some features deployed in the application included QR Code scans, chatrooms and file compilation/compression.
- The success of the application led it to be showcased as one of the few 'Made in Brunel' projects.

## OTHER EXPERIENCE

**Receptionist**, Luton and Dunstable University Hospital

Mar 2020 – Present

- Tasked with managing daily reports of patient sensitive data, conforming to GDPR updated regulations (Microsoft Excel)

**Student Peer Mentor**, Whitmore 6<sup>th</sup> Form

Jan 2016 – May 2018

- Role involved helping younger students with academic and personal situations, through regular meetings at which I could check progress, answer queries and provide advice or assistance when needed

## AWARDS AND ACHIEVEMENTS

**Morgan Stanley: Hackathon**

Oct 2019

- Achieved first place through successfully implementing a trend identifying algorithm within a Forex market Simulation which generated the highest profit return amongst all participating teams (Python)

**Freelance Graphics/Motion Design**

Jan 2015 – Jan 2016

- Established an online business which was recognised in a community, after gathering a following of thousands. Designs went on to amass 200,000+ views. (Adobe Suite and Cinema 4D)

## EXTRACURRICULAR

**Languages** – Fluent in English and Arabic

**Volunteering** – Providing weekly one-to-one programming classes to students from under-represented backgrounds aged 11-16. Completed a Snowdon mountain climb for 'Charity Week' Fundraiser.