

Bence Luo

Portfolio | GitHub
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EDUCATION

UNIVERSITY OF WESTMINSTER

BSc(HONS) IN COMPUTER SCIENCE

2018-2021 | London, UK

Grade: First class honours

CAMBRIDGE TUTORS COLLEGE

A LEVEL

Sep 2016 | London, UK

Computer Science

Maths

Physics

AWARDS

2013 May | Rotary Youth Speak
Competition

2014 Feb | Jack Petchey Award - Table
Tennis, Computer Science Ambassador

PROJECTS

UNIVERSITY PROJECTS

Encoding/Decoding algorithm (Python)

Financial application tool C#

Security Analysis (Virtual Machines - Kali
Linux)

Android Application (Java/Kotlin)

Client side website (JavaScript/JSON)

Server Side Dynamic Website

(SQL/PHP/Node.js)

INDIVIDUAL PROJECTS

Pathfinding Visualizer web application

AUTOREDUCE COMPRESSION

Coronavirus(Covid-19)-map

XML RESEARCH

Encryption and decryption

Vehicle Rental System

SKILLS

SOFTWARE TECHNOLOGIES

Languages

Java/Groovy/Kotlin/JavaScript/C#

/Python/PHP/HTML/CSS/VB.NET/

Frameworks & Other

Spring boot/Glass

fish/AngularJS/React/JQuery

/NodeJs/ASP.Net/Unity

VERSION CONTROL

Github/Gitlab/SourceTree/JIRA

DATABASE

MySQL/PostgreSQL/Phpmyadmin/

EXPERIENCE

QULTO INTERNATIONAL | SOFTWARE DEVELOPER

May 2021 - Present | Szeged, Hungary

- Using **Spring Boot** and **Groovy**, I Started working on a **Plagiarism-tool** on the back-end where I helped in the development of the **Jaccard-Min-hash** algorithm used to find similarities within documents scanned from a database and provide highlighting feature to show any plagiarism on the front-end using **AngularJS**.
- Developed a fully functional **AR application** intended to provide a new type of information on museum images using **Unity, C# and Easy-AR**.
- Learnt to use Project organisation tools such as **JIRA, Assana and Binfire**.

HARRODS TECHNOLOGY | TECHNOLOGY ASSISTANT

Sep 2018 - Jan 2019 | London, UK

- Provided information about the tech products.
- Handled any customer queries and complaints.

SCIENCE AND TECHNOLOGY FACILITIES CENTER | FRONT END DEVELOPER for Auto Reduce

Aug 2015 - Aug 2015 | Oxfordshire, UK

- Worked with the Mantid Science team on developing a web application for scientists to receive and compress scientific data from the Hadron Collider.
- Responsible for creating logistics of data handling using **JAVA** and **PHP**.

RESEARCH

PATH-FINDING VISUALISER | GITHUB

2021 | API REACT

- Fully implemented a Path-finding Visualizer web application using **React**.
- Learnt to fully understand the concepts of path finding algorithms

CORONAVIRUS PROJECT/ REACT | Collaboration Project

May 2020 | London, UK

- Built a **React/Gatsby** web application for visualising Coronavirus cases using 'Novel Covid API'.

LEGO DATABASE PROJECT / SQL | Inventory Control System

Jan 2019 - April 2019 | London, UK

- Collaborated in a project which aims to improve the management of Lego parts. Dr Barikzai is involved in developing a learning enrichment environment at local schools to give opportunities for students to build up their IT skills. Worked with **Erika Huszar** to create a Inventory Control System, a database tool which sorts the Lego pieces into groups.

EXTENDED PROJECT QUALIFICATION/ RESEARCH | ARTIFICIAL INTELLIGENCE, MACHINE LEARNING

Jan 2015 - May 2015 | London, UK

- I have Undertook an EPQ related to computer science, which focused on Computer security and Machine Learning. Investing whether 'is it possible to predict crimes before they occur with the current technology'.