

Bence Luo

Portfolio | GitHub

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EDUCATION

UNIVERSITY OF WESTMINSTER

Bsc(HONS) IN COMPUTER SCIENCE

2018-Present | London, UK

Grade 1st

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

COURSEWORK

PROJECTS

Encoding/Decoding algorithm (Python)

Financial 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)

RENTAL SYSTEM /JAVA

VEHICLE RENTAL SYSTEM

OOP / OOD

FIND/SORT Algorithms

Java Swing

File Input/ Data Handling

GUI Features

SOFTWARE DEVELOPMENT

EUROPEAN UNION PROJECT

ANALYSIS PROGRAM

Planning Phase

Wireframes/ UML/ ERD/ USE CASES

Implementing Phase

MySQL/ GITHUB/ OOP design/ JAVA/

SALT HASHING

SKILLS

PROGRAMMING

Java • C-Sharp • Python • Javascript

HTML • CSS • SQL • PHP • .NET

Framework

Familiar

•AWS Lambda • Shell • Assembly • React

EXPERIENCE

HARRODS TECHNOLOGY | TECHNOLOGY ASSISTANT

Sep 2018 - Jan 2019 | London, UK

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

ROLLS ROYCE | OPERATIONS AND CONTROLS

July 2018 - July 2018 | BRISTOL, UK

- Responsible for tracking certain parts of products using SAP, coming through the logistics system and reporting any inconsistencies and missing parts.
- Assigned into the operations unit by a supervisor and toured around the facilities

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.

RUTHERFORD APPLETON LABORATORY | XML Researcher on the neutron and muon source project

Jul 2014 - Jul 2014 | Oxfordshire, UK

- Been introduced to GitHub and Python programming .
- Learnt practices of how to document a research project.

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 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'.