# 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

## 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

### NETLOGUS | Software Developer Intern
July 2022 - Present | London
- Documenting and testing, and Debugging new software applications.
- Researching, investigating and fixing a wide range of technical issues.
- Collaborating with senior developers in the company.
- Proactively learning about new technologies including Python, Javascript, Apache, MySQL, PostgresSQL,.NET, Springboot, AngularJS, React, Bootstrap, PHP, JQuery, Zapier, Segment, and C#.

### QULTO INTERNATIONAL | Software Developer
May 2021 - July 2022 | 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.