

Cosmin-Nicolae Bresug

Software Engineer

Computer Science graduate student, technology enthusiast, hard-working and reliable individual, looking to work in a fast-paced and challenging environment

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📍 London, UK

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EDUCATION

BSc Computer Science University College London

09/2015 – 06/2018

London, United Kingdom

Details and Courses

- First Class Honors Degree
- Machine Learning and Neural Computing
- Systems Engineering
- Object-Oriented Programming
- Networked Systems
- Computer Systems

Quantum Computing Summer School University College London

09/2018 – 09/2018

London, United Kingdom

WORK EXPERIENCE

Software Engineer GinieAI

09/2018 – Present

London, United Kingdom

Generating law contracts using Artificial Intelligence

Contact: Rafie Faruq

Global Markets Summer Technology Analyst Bank of America

06/2018 – 09/2018

London

Achievements/Tasks

- Moved legacy Python code into a new platform in Scala
- Worked on an Acceptance Testing internal tool and created a service that pulls data from Nexus repositories
- Developed and tested a user interface using React and Enzyme
- Used a Test Driven Development approach to ensure fast delivery and high quality code

Contact: Sarah Fong

Software Engineer Internship Rightmove

06/2017 – 09/2017

London, United Kingdom

Achievements/Tasks

- Designed and developed a microservice using Java 8, Spring Boot, JPA and Thymeleaf
- Worked in an Agile environment
- Learnt Machine Learning algorithms by creating a Convolutional Neural Network for recognizing rooms in images
- Ensured high quality code by using testing libraries such as JUnit, Mockito and AssertJ

Contact: Michelle Carr

Full Stack Developer UCL Centre for Blockchain Technologies

09/2016 – Present

London, United Kingdom

Tasks/Achievements

- Developed a web platform and implemented services for UCL researchers using Laravel and Apache HTTP server
- Gained insight into Blockchain Technologies from industry experts

Contact: Paolo Tasca

SKILLS & COMPETENCES

Java

Python

C#

Android

JPA

ReactJS

Spring MVC

Thymeleaf

Angular

PHP

Scala

Node.js

Machine Learning

JUnit

Mockito

Jenkins

Docker

Unity

Blender

TypeScript

PERSONAL PROJECTS

NHS Dialogue Analysis (Dissertation Project) (09/2018)

- Platform for recording and transcribing dialogue in order to find correlations between gaps in speech and mental health (HTML, CSS, JavaScript, Java, Spring, MongoDB)

UTILIS - First prize winner in Yoyo Playground (11/2015)

- Android application which tries to simplify the ordering system in crowded restaurants by using Estimote API and Yoyo API (learnt Android Studio)

Brain.WAV - First prize winner at HackKings 3.0 (11/2016)

- App that generates music based on brainwaves and Neural Networks (Muse Headband API, PHP, Machine Learning)

EnVRo Chess - Third prize winner at Global Archiact Jam 7 (08/2016 – 09/2016)

- VR game for Samsung GearVR published on the Oculus Store (made with Blender and Unity)

AirMate - Skyscanner prize winner at Porticode (12/2016)

- App to find people who are waiting in an airport for the same plane as you (Laravel, Skyscanner API, JavaScript)

CERTIFICATIONS AND ACHIEVEMENTS

Microsoft Professional Program: Data Science (02/2017)

<https://academy.microsoft.com/en-us/certificates/f209f42a-6aab-471b-97d4-747b1f96e1a0>

Machine Learning A-Z™: Hands-On Python & R In Data Science

Deep Learning A-Z™: Hands-On Artificial Neural Networks

Complete Java Masterclass

The Complete Android N Developer Course

Learn to Code by Making Games - The Complete Unity Developer

Enterprise Bootcamp UCL (06/2016)

INTERESTS

Basketball

Tennis

Skiing

Swimming

Technology

Hackathons

Artificial Intelligence