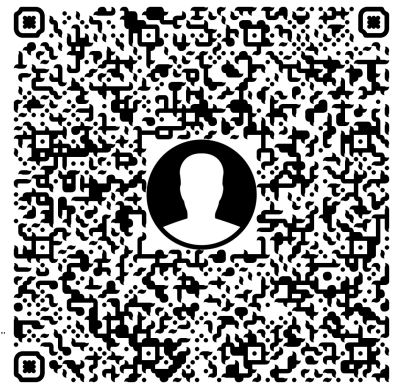# Bogdan Stefan Dumitrescu

3 Hudson Way, London E16 2GW, United Kingdom
(+44) 7342 178041

» Desired Employment

To gain experience in a real working conditions, in order to develop my problem-solving and organisational skills, and to contribute to solving challenges in a fast-paced environment.

» Work Experience

- **Morgan Stanley**, London, United Kingdom
  Technology Analyst, August 2022 - Present

  - Took part in the Technology Analyst Programme, in which I reviewed various methodologies such as Object Oriented and Functional Programming, as well as languages, such as C++, Java and C#
  - Developed a console shell in C that makes use of low-level POSIX API system calls in order to implement command execution, standard input/output redirection, as well as shell built-ins

- **Amazon**, London, United Kingdom
  Intern, Software Development Engineering, June 2021 - September 2021

  - Developed and deployed A/B testing to personalise content on Prime Video homepage for over 10M people in US, UK and DE.
  - Implemented an internal self-service for creating templates and automating manual work for developers and merchandisers
  - Identified 3 areas of improvement in the current software development lifecycle

- **University of Bristol**, Bristol, United Kingdom

  Teaching Assistant, Faculty of Engineering, October 2019 - June 2022

  - Helped undergraduate and postgraduate students understand and implement various Computer Science concepts in Security and Computer Architecture
  - Introduced students to software engineering tools such as Git, and helped them navigate ethical frameworks and research platforms related to Computer Science
  - Managed two teams of five students and guided them in prototyping and creating a software engineering product

- **Inductosense**, Bristol, United Kingdom

  Intern, Software Engineering Department , June 2020 - September 2020

  - Designed and developed highly reusable UI React components within an agreed timeframe and defined quality standard
  - Updated and added endpoints for communication between the frontend and the backend

» Projects and Awards

- **Boeing x CSS Bristol Hackathon** • 1st place • March 2020
- **Scott Logic AI Challenge** • 1st place • March 2019
- **Dyson Hackathon** • October 2019
- **Hack The Midlands 4.0 Hackathon & CTF** • October 2019
- **Scott Logic Software Product Engineering Project** • 2020

» Education

- **University of Bristol,** Bristol, United Kingdom
  MEng Computer Science 2018 - 2022

  o **Ultimate Year** • Expecting 2:1

- **"Gheorghe Sincai" National College,** Bucharest, Romania
  Mathematics & Computer Science 2014 - 2018

  o **Romanian Baccalaureate Diploma** • 97.8% overall: 100% Computer Science, 97% Mathematics, 96.5% Romanian Language • July 2018

» Social and organisational skills

- Team focused
- Strategic vision and anticipation
- Flexible mindset
- Resilience and endurance

» Technical Skills

- **Advanced Skills**: Java, C/C++, C#, Go, JavaScript/TypeScript, React, Python
- **Competent Skills**: HTML/CSS, Haskell, SQL
- **Self-taught Skills:** Ruby on Rails

Other Technical Competences:
- Git, TDD, Agile/Scrum, NPM, CLIs, SQLite
- Unity, Microsoft Office Tools, Autodesk AutoCAD, Adobe Suite, Blender
- Data Structures and Algorithms, Symbols, Patterns & Signals

Operating Systems:
- Microsoft Windows, Linux (Ubuntu & Debian), macOS

» Languages

- Romanian - *Native*

- English - *Full Proficiency*

- French - *Intermediate*

» Activities and Interests

- 3D Printing & Laser Cutting Design, Advanced Photo & Video Editing Skills

- Film and Digital Photography, Archery, Basketball, Model Rocket Building, Drone Flying