

# Dariusz Bozek

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Full Driving License

## Portfolio/ Examples of work

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<https://github.com/BozekDariusz> - Examples of my previous work.

<https://dariusbozek.wordpress.com/> - Portfolio with pictures and short descriptions of some of my projects.

## EDUCATION AND QUALIFICATIONS

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### University of Leeds

2019 – 2020

#### MSc High-Performance Graphics and Games Engineering

MSc Project-

“Mesh Repair with Distance Fields”

Key Modules –

- Parallel and Concurrent Programming
- Games Engines and Workflow
- Foundations of Modelling and Rendering
- High-Performance Graphics
- Animation and Simulation
- Geometric Processing

### University of Bradford

2016 – 2019

#### BSc Computer Science: First Class Honours

Final Year Project-

“Visualization of quantum states evolution”

Key Modules (Year 3) –

- Neural Networks and Fuzzy Systems (72%)
- Software Verification (65%)
- Foundations of Cryptography (71%)
- AI for Games (69%)

Key Modules (Year 1 to Year 2) –

- Yr2: Computer Architecture and Systems Software 2 (80%)
- Yr2: Data Structures and Algorithms (78%)
- Yr2: Database Systems (77%)
- Yr2: Software Engineering with Group Project (85%)
- Yr1: Software Development (Part 1&2) (87% & 96%)
- Yr1 Formal Foundations (74%)

### Liceum I.m Konarskiego, Oświęcim Poland

2013-2016

Equivalent of GCE A Levels: Mathematics (82%), Polish (66%), Basic English (98%),  
Extended English (92%) and Oral English (100%).

## TECHNICAL AND IT/COMPUTING SKILLS

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- Competent with C++, Vulkan, OpenGL, GLSL Shader, Java, MATLAB, MySQL, Python, Prolog, Haskell, Windows, Linux, GitHub

- Working knowledge of Object-Oriented Programming (OPP) and Unified Modelling

## **EMPLOYMENT AND WORK EXPERIENCE**

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### **University of Bradford**

May 2019 – July 2019

#### **Python Software Developer**

- Creating visualization tool for real life medical data.
- Scheduling weekly task allocation.
- Creating a data base.

### **Pizza Hut Bradford UK**

February 2018 – May 2019

#### **Full range Kitchen member**

- Training new staff.
- Running kitchen and its staff.
- Having weekly meeting with manager about current state of the kitchen and possible improvements

## **KEY SKILLS**

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### **Team Working**

- Second year group project required immense amount of teamwork, not only produce a viable solution to clients' needs but also to make one that is competitive.
- Every weekend shift requires high teamwork effort to produce a quality meal in a timely manner.

### **Leadership**

- Leading a group project at first year of university.

### **Self-motivation**

- Moving abroad at 19 years old, sorting everything out from renting apartment to getting a new job, all without a safety net.

### **Time management**

- Having a part time job as, the only income source and being a full-time student at university with a high average taught me how to manage my time to maintain a healthy balance between studying, working and socializing.

### **Languages**

- Polish fluent
- English fluent

### **Achievements**

- Employee of the month at Pizza Hut at second month of work "fastest a new hire ever became employee of the month".
- Winning a team contest of developing "Web/Portal for monitoring IoT data" for client - City of Bradford Metropolitan District Council.

## **REFEREES**

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Dr Ci Lei Lecturer in Computing / BSc Project Assessor:

Dr Hamish Carr Senior Lecturer/ MSc Project Assessor:

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