

# **James Paul Frederick Copping**

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Full Driving Licence

## **Personal Statement**

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I received a First-Class Honours degree as a Bachelor of Computer Science (BSc) from the University of Keele. I am looking to secure a position as a Software Developer, Game Developer or similar in order to utilise my coding skills and knowledge. Also, I envisage my career will help me to further develop the skills learnt at university in a practical and fast-paced environment.

## **Objectives**

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My eventual career goal is to have responsibility for a department and to actively contribute to the overall success of any business I work for. Specific areas in computer science that interest me include: Software Development, Computational Intelligence (exploration of novel neural network approaches), Web & Networking Design and Games Development.

## **Education**

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### **Keele University (2015 – 2019)**

1:1 BSc. (Honours) Computer Science graduated July 2019

Key Skills gained:

- Java, C++, HTML, JavaScript, CSS, PHP, Python, Git and Unity
- Analytical and conceptual thinking, with a conscientious approach to managing workloads.
- Ability to problem solve and work within a team or independently.
- Accomplished communication skills, both written and verbal, developed through numerous essays, dissertation and presentations to tutors.
- Ability to research and learn new skills and computer languages rapidly.

Notable Modules – Games Design, Advanced Web Technologies, Bioinformatics, Computational Intelligence, Communications & Networking.

I received a first in my dissertation which was titled “Design, Implementation and Research into Evolutionary Algorithms used in 2D Games Design”. During the project I developed a game from the ground up. To explore and demonstrate an interesting way of creating levels, in a 2d platformer. This used many different ideas from Co-Evolution to Neural Networks and Genetic Algorithms.

## **The Bishop's Stortford High School**

*(2008 – 2015)*

A-levels:

- Computer Science, Physics and Mathematics
- 8 GCSE's, Grades A-C including Maths and English

## **Experience**

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### **Junior Software Developer, Dotmatics, Windhill, Bishop's Stortford CM23 2ND**

*(July 2019 – current)*

**Key roles:** I worked as a Full Stack Developer. Fixing, developing and maintaining a portion of the company's product within a small team. Bug fixing and implement enhancements. I work closely with our AppSci team to have a good understanding of what our end users need. We used an Agile development cycle.

Skills learnt:

- SVN, Git, Postman, JSP, JQuery, MVC design and TDD.
- Dealing with complicated legacy code.
- Learning how to utilise and work with a professional team.

### **Business Support, Tees Law, 95 London Road, Bishop's Stortford**

*(April 2015 – September 2018 regular holiday placements)*

**Key roles:** Assisting multiple fee earners/paralegals working within the Wills, Trusts, Tax and Probate department. Work included data input, scanning, copying, entering up and archiving files for the WTPP team. Assisting the Trust Accountants with numeracy tasks; floor IT support with software and systems. Introducing and helping to set up multiuser spreadsheet across the team.

### **Teaching Assistant with Learn to Swim, The Bishop's Stortford College, Maze Green Road**

*(2012 – 2014)*

**Key roles:** Teaching small groups of children to swim; various age groups (5-13 years old). I have achieved Level 1 and 2 Teaching Certificates; Level 2 in 2017

Duties include:

- Communication with the children and parents alike, explaining and demonstrating complex body kinematics.
- Planning appropriate and enjoyable sets in advance.
- Demonstrating an in-depth knowledge of key health and safety standards used within the industry.

## **Hobbies & Interests**

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I have a keen interest in swimming, having been a member of the Bishop's Stortford Swimming Club I then went on to join the University of Keele Swimming Club, assisting with club activities and coaching new joiners. Charity work within the swimming club means a lot to me and I completed the 3 Peaks Challenge to help raise money for a local hospice.

## **References**

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References are available on request.