

## LEWIS GAVIN

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### PROFILE

A highly motivated and adaptable Computer Science undergraduate working towards a first class honours. Currently looking for a position in the software and systems industry which will develop the skills gained through my degree and year in industry.

### ACHIEVEMENTS

- Achieved a First in my first and second years of university for my course(Computer Science)
- Worked for a year at Eurocopter Deutschland making an impression upon an experienced department and lived successfully in a foreign country.
- Raised money for Breast Cancer Awareness through organising an event and appeared in their monthly newsletter.

### RELEVANT EXPERIENCE

#### **Software Developer, Eurocopter Deutschland; Munich, July 2012 - July 2013**

- Adding navigational symbol functionality to the simulation for the Australian variant of Eurocopter's NH90 Helicopter .
- Streamlining existing code especially involving the navigational simulator's symbol library.
- Working primarily in C++ and SVG with OpenGL graphics programming.
- Working on a new primitive type to display vector data with textures.
- Moved with the company from their old office in Munich to Donaüworth and had a 4 month contract extension.

### TECHNICAL SKILLS

**Languages:** C++, Java, C#, C, x86 Assembly, Objective-C, NI LabView, Perl, OpenGL, Html & CSS

- Highly competent **C++** programmer after working exclusively with C++ at Eurocopter with some experience of graphics programming with OpenGL integrated within C++ applications.
- Competent **C#** and **Java** programmer to create window based applications.
- Knowledge of low level programming in **Concurrent C**(Linux) and writing **Assembly** routines.
- Use of **Java for Android** to create personal mobile apps and tools.
- Excel in managing and structuring projects and tasks whether leading or being part of an agile team proven during my time at Eurocopter.
- A strong desire to produce standardised and well structured applications and meet deadlines as proven with University work.

### PROFESSIONAL AND OTHER SKILLS

My degree allowed me to combine study with experience with a year in Germany working for one of the leading aviation companies, Eurocopter Deutschland. This allowed me to work on my own initiative but also integrate with a team on projects allowing me to prove my drive to complete tasks efficiently and thoroughly. I am hardworking and reliable with a genuine interest in low level computing techniques and software development.

- Passion to always complete tasks thoroughly and to a high standard as quoted from my Eurocopter review.
- Experience in scoping and proposing solution ideas with colleagues for future implementation in and outside my specified job role.
- Highly organised with current and future workload.
- Languages: French (conversational), German (intermediate)
- Full UK Driving license.

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### OTHER EXPERIENCE

#### **Sales Assistant, Midlands Cooperative; Tamworth, October 2009 - June 2012**

- Customer Assistance
- Team Leading

#### **Sales Assistant, Drayton Manor Theme Park; Tamworth, March 2008 - October 2008**

- Sales Operations
- Stock Replenishment

### EDUCATION

**Staffordshire University**, Stafford — BSc (Hons) Computer Science 2010 - Current

- **Predicted** First Class Honours

**Landau Forte QEMS**, Tamworth - A Levels September 2008 - June 2010

- Grades: **Information Technology - B**                      **French - B**  
                  **General Studies - C**                      **Music Technology - D**

**Landau Forte QEMS**, Tamworth - GCSE September 2003 - June 2008

- Grades: **1x A Grade, 8x B Grade, 1x C Grade**

### INTERESTS AND HOBBIES

- Played football from the age of 8 to 18 years. Captaining several teams, playing for a youth team which supports the local semi-professional team. Won awards numerous years for the managers, parents or team mates' selected player of the year.
- Produce music in applications such as Reason and Cubase in my free time exploring production, mixing and mastering techniques.
- Researching emerging technologies and broadening my knowledge of programming languages, algorithms and embedded systems.
- Create applications for mobile devices such as Android applications in Java and iPhone and iPad applications in xCode using Objective-C.

### REFERENCES

<b>Peter Nikolov</b> Training Products and Helicopter Data Packages, Eurocopter Email: <a href="mailto:peter.nikolov@eurocopter.com">peter.nikolov@eurocopter.com</a> Tel: +49 906 71 8741	<b>Carol Jones</b> Supervisor, Midlands Cooperative Tel: 01827 282992
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