Jake Learman

📱 +447903871814　●　✉ jaken_learman@hotmail.com
🌐 https://jakelearman.com
LinkedIn:/in/jakelearman　Github:/jakelearman

A creative and people-oriented Computer Scientist with an extensive interest in functional programming and cyber security. Also has a keen interest in UX and web design. I tend to pride myself on my punctuality and ability to break down problems into manageable parts.

Education

Academic Qualifications

○ **University of Nottingham**　　　　　　　　　　　　　　　　　**Nottingham**
BSc Hons Computer Science　　　　　　　　　　　　　　　　　　*2016-2019*

Achieved a 1st in Programming & Algorithms, Maths for CS and Computer Fundamentals amongst other modules including Computer Security, C++ Programming and HCI.

○ **West Herts College**　　　　　　　　　　　　　　　　　　　　　**Watford**
BTEC Extended Diploma　　　　　　　　　　　　　　　　　　　　*2014-2016*

Achieved a triple distinction* (highest possible grade) with a distinction in OOP, Server-side & Client-side scripting as well as completing Cisco CCNA1.

○ **JFS School**　　　　　　　　　　　　　　　　　　　　　　　　　**London**
11 GCSEs, A to C Including Maths and English.　　　　　　　　　　*2009–2013*

Notable Projects

○ **3rd Year Project:** *'Optimising Solutions to The Enigma Machine'*
Github: https://github.com/JakeLearman/OptimisingSolutionsToTheEngimaMachine

The project I undertook for my dissertation made use of extensive functional programming in order to both simulate and brute force the Enigma machine.

○ **2nd year Group project:** *'Computer Generated Talks'*
Github: https://github.com/JakeLearman/ComputerGeneratedTalks

This project took place over the entirety of my second year; it consisted of tracking word trends from existing scientific papers and generating new papers. I was elected team leader for the project due to my organisational and time-management skills.

Work Experience

○ **Blink Productions**　　　　　　　　　　　　　　　　　　　　　**London**
Runner　　　　　　　　　　　　　　　　　　　　　　　　　　　*July 2015*

My experience as a runner at Blink Productions greatly evolved my communication and time management skills. Working on a live set also taught me how to manage resources properly when working with a strict time-frame.

Framestore **London**

Runner *July 2014*

Working as a runner at Framestore gave a great insight in to the world of post-production and how software engineering and other forms of programming are used to solve problems. This experience taught me the importance of thinking creatively when it comes to analytical situations.

Natpoint LTD **London**

IT Technician *August 2013*

My job and responsibilities included maintaining and updating computer systems across a range of different businesses. It helped me to understand how servers are structured and how companies utilise information technology in the day-to-day running of their businesses.

The Mill **London**

Runner *August 2012*

Running gave me a great opportunity to work in a team with people I had not met before. I also had a chance to observe the work they do in the field of computer generating imaging and animation.

Technical and Personal skills

- **Programming Languages:** Proficient in: C, Java, Haskell, HTML, CSS and Javascript.
  Also basic ability with: ARM Assembly, Actionscript, C++, C#, Lua, MatLab, MySQL, PHP, Python and VB.net.

- **Professional Skills:** Microsoft Office (Advanced), Adobe Suite (Intermediate), Git (Intermediate), Eclipse (Intermediate), IntelliJ IDE Family (Intermediate) and Android Studio (Intermediate). Also have adept skills in various Linux Distributions including Ubuntu and Arch Linux.

- **Interpersonal Skills:** Excellent organisation and time management skills; Good communication and team skills.

Interests and extra-curricular activity

- During my time at the University, I was elected to be the General Secretary of Band Society for 2 years. This role allowed me to gain a greater ability to communicate with people from a wide variety of backgrounds. It also developed my event-planning and organisational skills.

- For several years I have been a camp counsellor at summer camps located both in the UK and abroad. These experiences gave the the ability to communicate with people from a wide-array of background as well as my problem-solving and time-management skills.

- As a student at JFS, I was elected to assist in various open evenings held by the school for current and prospective students and parents. I also supervised the regularly student assemblies.

- Other interest including playing guitar(achieved Grade 7) and cinema. I also possess a full clean driving licence.