

Louis Michael Hampton

Personal Information

Date of Birth: 2nd March 1996
Nationality: British
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Education

July 2018 Master of Computing (MComp) Computer Science, **University of Leicester**
1st Class Honours Degree
With dissertations in “Implementing ASICs for Artificial Neural Networks”
and “Implementing a One Instruction Set Computer”

August 2015 International Summer Session, **Hankuk University of Foreign Studies**
Nine academic credits over three subjects:
“Korean Language Beginner” (A+), “Democratization of South Korea” (A+),
and “Social Media Marketing” (B)

July 2014 General Certificate of Education A Level, **The Skinners’ School**
“English Literature” (A), “Maths with Mechanics” (B), and “Computing” (B)

July 2013 General Certificate of Education AS Level, **The Skinners’ School**
“Music” (C)

July 2012 Free Standing Maths Qualification (A), **The Skinners’ School**

July 2012 General Certificate of Secondary Education **The Skinners’ School**
Ten qualifications graded at A*-C, including English and Maths

Extracurricular Awards, Achievements, and Positions

2015-2018 *University of Leicester Computing Society* – held positions as: Vice President,
President, and Treasurer

2014-2018 *Academic Representation* – stood as course representative on the Student
Staff Committee, and as chair in 2016-2017

2018 Won third prize at the “*R. U. Hacking? 24 hour student hackathon*”

2014 *The Skinners’ School* – awarded the “Prize for best A Level Computing Stu-
dent”

2013 *Air Cadet Organisation* – recognised as a “Qualified Aerospace Instructor”,
including an ILM Level 2 in “Leadership and Teamwork”

Languages Known

Natural Languages

English Birth language
Korean Beginner

Programming Languages

Proficient	Java, C++, Haskell, C#, Verilog, Python, Visual Basic, Lua, Shell, Promela, LaTeX
Good understanding	Assembly, C, Javascript, CSS, Ada, Golang, Erlang, Lisp, Batch, Prolog, SQL

Work Experience

Jan 2018	Teaching Assistant
Apr 2018	<i>University of Leicester Department of Informatics</i> Assisted with the education of undergraduate Computer Science students, including one-on-one tutoring of high level programming and theoretical concepts. Communicated teaching material with clarity, helping struggling students to understand the course content.
Jan 2017	Student Guide
Apr 2018	<i>University of Leicester Department of Informatics</i> Responsible for communicating and demonstrating the academic, lifestyle, and extracurricular opportunities of higher education to prospective Informatics students and their relatives during UCAS open days. Reviewed favourably for presentation skill and comprehensiveness of answers to queries by those attending.
Aug 2012	Audiovisual Manager <i>Grammar School Head's Association</i> Provided technical support and assistance to all visiting speakers at the annual conference after special recommendation for the position. Demonstrated a professional working manner and responded to short-order bespoke requests for the arrangement of equipment.
Mar 2012	Training Material Writer (unpaid) <i>London Underground Limited</i> Wrote brand new training material on complex electrical infrastructure in preparation for delivery to staff across the London Underground network – requiring rapid understanding of new concepts, organisation of previously uncategorised data, and locating necessary training aids.

Hobbies and Interests

- Piano and Accordion player, amateur guitar player and musical composer
- Actor and award winning Director with *Leicester University Theatre*
- Avid transport enthusiast, with a particular focus on rail transport
- Fan of world culture and cinema