

A results driven individual with motivation to reach high levels of success.

EXPERIENCE

Lancaster University

JUN 2014 - PRESENT

Research Associate

I am currently conducting research in the developing field of Software Defined Networking. We are aiming to improve content distribution by leveraging SDN to increase cache availability, improve failure response times, and explore novel ideas for scaling content server farms. Responsibilities include:

- Deploying our SDN applications on testbeds located in various countries.
- Aiding the development of OpenCache: an SDN application being developed at Lancaster.
- Performing experiments with our tools to understand and improve on current content distribution practices.

EDUCATION

Lancaster University

OCT 2011 - JULY 2014

Computer Science BSc

Achieved a First-class honours. Built an embedded, multisensor device to monitor light emission in shared office environments. Designed to differentiate between bulb technologies (LED, flourescent, etc.) in spaces with multiple sources of illumination.

PERSONAL

My name is Sean Baildon, and I'm looking to develop my skills as a software engineer. I am thorough, logical of mind and encourage the adoption of practical methods to problem solving. As a graduate of Lancaster University, I have experience with multiple programming languages, the first principles of many specialities, and a comprehensive toolset for software development. Having held a research position at Lancaster, I am looking to experience more of what's available by jumping into a role in industry. Academia has been interesting but I am very interested in experiencing other career paths.

SKILLS

Proficiency with several programming languages. Experience of at least 3 years with Python, C, Java, and between 1 and 2 with C#, Assembly, and Erlang

Strong knowledge of networking, including protocols, design and tools

Involvement in international projects growing the European Internet industry

Experience with low level systems programming

Understanding of professional software development practices, Git/Version Control