

EDWARD JONES

SOFTWARE AND CONTROL ENGINEER

CONTACT

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CAREER OBJECTIVE

Since moving back into an engineering role I have thoroughly enjoyed it, the challenges that can be faced and overcoming these in the problem solving process.

In my free time, much like my colleagues I enjoy coding as well in personal projects where I develop my current and future skills which also includes hardware development with PIC's and Linux machines.

CERTIFICATIONS

Certified TestStand Architect
National Instruments

Certified LabVIEW Developer
National Instruments

Engineering Leadership Program
National Instruments

AWARDS

Merit Award - 2017
National Instruments

Special Recognition Award - 2016
National Instruments

EDUCATION

Bachelor of Aeronautical Aerospace Engineering - 2015
University of Leeds
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EXPERIENCE

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| May 2021 - Present | United Kingdom Atomic Energy Authority
Software and Controls Engineer
In my current position I lead a team within the Advanced controls group which provides control solutions and updates across and external to the organisation. |
| Jan 2018 - April 2021 | National Instruments
Account Manager
Working with the NI customer base within a region to align the right resources and technologies to our customer needs while growing our market share. |
| Feb 2017 - Jan 2018 | National Instruments
Sales Development Engineer
Identifying potential projects and assisting customers in developing project road maps. During this time I was also awarded the quarterly Merit Award for fostering a community of competitive comradery. |
| July 2015 - Feb 2017 | National Instruments
Applications Engineer
Troubleshooting issues with end users of LabVIEW and NI hardware. Towards the latter of my time in this role I was assigned specialised cases and was also awarded the special recognition award for this work. |
| Sep 2011 - Sep 2015 | University of Leeds
Undergraduate
My 3rd year dissertation was the design, modelling and simulation of a rocket combustion engine. As Star-CCM+ (CFD) is unable to support Mach 3+ simulations, I created my own simulation software for validating my design in C using Euler's Method. |

SKILLS

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| <ul style="list-style-type: none">• Leading a project team• Project planning and development• Aligning resources and gaining acceptance from stakeholders• French - Intermediate• Developing a software team workflow, workshop development and execution | <ul style="list-style-type: none">• Linux, Linux RT, VxWorks, PharLap and Windows API's• MySQL, SQL, React, HTML, CSS.• C/C++, C#, LabVIEW, Python• Front and Backend web development• Jenkins, AWS and Yocto, Git, Gitlab• Control systems such as LabVIEW and MARTE2 |
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