

CONNORLUKEGODDARD

MBCS, AMIMechE

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Profile

A highly-driven, passionate, and hard-working graduate software engineer at Renishaw plc, holding excellent **technical**, **inter-personal**, and **problem-solving skills** gained from experience of developing sophisticated desktop, mobile and web-based software solutions utilising a variety of programming languages and development methodologies.

Key Skills & Experience

Industrial Experience	Accepted full-time graduate employment package following previous summer placement and 14-month industrial placement working for international engineering company Renishaw as a Software Engineer.
Technical Skills	Experience of software development using variety of programming languages including C#, C++, Java & Python and web technologies and enterprise frameworks including PHP & ASP.NET . Proficient in version control systems with academic and commercial project experience incorporating agile and plan-driven development methodologies including SCRUM & Waterfall.
Academic Performance	Attained a first-class Masters degree in Software Engineering from Aberystwyth University, achieving an average grade of 81% across all modules , receiving full professional accreditation from the BCS.
Guest Lecturing	Took the opportunity to prepare and present a guest lecture to second-year undergraduates, providing an introduction to enterprise systems & web-development frameworks during my Masters studies.
High Altitude Balloon Project (July 2012)	Instigator and key team member of successful project to launch a high-altitude balloon to the edge of space to capture aerial images of earth curvature and atmospheric data for future science lessons. Received national media coverage from BBC, ITV and Wales Online. (http://www.bbc.co.uk/news/uk-wales-south-west-wales-18793717)

Work Experience

Current Aug 2016	Graduate Software Engineer Renishaw Plc - Wotton-under-edge, Gloucestershire <ul style="list-style-type: none">Accepted offer of graduate employment with Renishaw following completion of Masters degree.Returned to the previous team from summer placement, working with C++, C# and Windows Presentation Framework on a flagship project to drive enhancements in user experience design and autonomy for metrology software applications.
Sept 2015 to May 2016	Academic Advisor & Technical Demonstrator Dept. of Computer Science - Aberystwyth University, Aberystwyth <ul style="list-style-type: none">Selected to join a specialist team providing front-line technical and academic assistance to all students within the Computer Science department spanning across all course types and years of study.Responsible for providing face-to-face student support encompassing all taught programming languages and technical topics (including C/C++, Java, Python, iOS, C#/.NET, Architectural Design Patterns & Agile/Procedural Development Methodologies).
June 2015 to Sept 2015	Software Engineer - R&D (Summer Intern) Renishaw Plc - Wotton-under-edge, Gloucestershire <ul style="list-style-type: none">Tasked with designing and implementing a new tool for visually analysing application metrics (including diagnosing application errors and inspecting user interaction patterns).Praise received from divisional management, with the work contributing to plans seeking to develop a new unified approach to application logging and inspection across the Group Software division.
June 2013 to Aug 2014	Software Engineer (Intern) Renishaw Plc - Wotton-under-edge, Gloucestershire

- Offered a further **summer placement position** and **university bursary** following a 14-month industrial placement with international engineering company Renishaw plc, working within the Internet Development Team as a software/web engineer.
- Involved in the development and maintenance of intelligent **web-based** and **mobile applications** used within a variety of applications including CMM and machine tool control.
- Supported training of first-year apprentices through provision of lectures and exercise materials providing a technical introduction to common web and database technologies including HTML/CSS/Javascript and SQL.

Education

Sept 2011 to June 2016	<p>MEng (Hons) Software Engineering with Industrial Year (BCS Accredited) Aberystwyth University, Aberystwyth, Ceredigion</p> <ul style="list-style-type: none"> • Attained a first-class honours degree, receiving a grade of 78% for my final year project “Estimation of Terrain Gradient Conditions and Obstacle Location Using a Monocular Vision System”. • Full transcript of course grades available on request.
Sept 2004 to June 2011	<p>Tasker Milward School, Pembrokeshire</p> <ul style="list-style-type: none"> • A-Levels: Computing (B), Applied Business (B) & Physics (E) • AS-Levels: Mathematics (E) • 11 GCSEs including: ICT (A*), Graphics (A*), Science (A), English (A) and Maths (B) • Key Skills: Working with Others (Level 3), Problem Solving (Level 3), Application of Number (Level 3), ICT (Level 3), Welsh Baccalaureate (Passed)

Volunteering

Current Sept 2016	<p>Trainee First Aider CS & Y Unit, St. John Ambulance</p> <p>Having transferred from my previous role as a First Aider with the Aberystwyth LINKS unit, I am currently undergoing training to re-qualify as a First Aider with the Chipping Sodbury and Yate unit based in South Gloucestershire.</p>
Sept 2015 to June 2016	<p>Committee Treasurer & 2nd in Charge Aberystwyth LINKS, St. John Cymru-Wales</p> <p>Responsible for the financial management of not only the society, but also of the entire division acting in accordance with the financial regulation and process set in place by the St. John Cymru-Wales national headquarters.</p>
Sept 2014 to June 2016	<p>Student-Staff Committee Member Aberystwyth University, Aberystwyth</p> <p>Represented all MEng Software Engineering students on the university Student-Staff Committee board, discussing issues surrounding all aspects of university life inside and outside of the Computer Science department.</p>
Dec 2014 to May 2016	<p>Basic First Aider St John Cymru-Wales, Aberystwyth Division</p> <p>Qualified as a St John Ambulance Basic First Aider (achieved through Aberystwyth University First Aid society (LINKS)). Involved in St John Ambulance duties within Aberystwyth and the surrounding area.</p>
July 2014, July 2016	<p>CREW Member Royal International Air Tattoo, Fairford, Gloucestershire</p> <p>Volunteer at the Royal International Air Tattoo while working as an intern at Renishaw plc. Focusing on excellent customer service, I worked as part of a close-knit team providing front-line support to the thousands of visitors attending one of the UK's largest and premier air-shows.</p>

Interests and Activities

I enjoy a wide variety of interests and activities, including landscape and macro photography. I also partake in a range of sports around the south-west coast including mountain biking, kite boarding and sailing.

Referees

References available on request.