

# CONNORLUKEGODDARD

Address  
Yr Hen Weithdy  
Llanbadarn Road, Aberystwyth  
Ceredigion, SY23 1EJ

Email [clg11@aber.ac.uk](mailto:clg11@aber.ac.uk)  
Website <http://connorlukegoddard.com>

## Profile

Enthusiastic, determined, and hard-working fourth year student at Aberystwyth University on track for a **first class degree**, with excellent **teamwork**, **communication**, and **problem-solving skills** gained from experience of providing sophisticated desktop, mobile and web-based software solutions utilising a variety of programming languages and development methodologies.

## Key Skills & Experience

Industrial Experience	Offered <b>top-level university bursary</b> and <b>further summer placement position</b> following a 14-month industrial placement working for international engineering company Renishaw plc as a Software Engineer intern.
Developer Skills	Good working knowledge of a variety of programming languages including <b>C</b> , <b>C++</b> , <b>Java</b> , <b>C#</b> , <b>Objective-C</b> and <b>HTML/CSS/Javascript</b> including an appreciation of Ruby (on-Rails), Swift and Python. Regular user of <b>version control systems</b> (Git/SVN) with a firm grasp of key <b>agile</b> and <b>plan-based development methodologies</b> including SCRUM and Waterfall.
University Performance	Currently achieved a first in every university module to date, with an <b>average grade of 84%</b> achieved in the last semester.
Communication & Collaboration	Excellent verbal and written communication skills developed through working within a variety of positions including demonstrator and ambassador to the university computer science department, member of a software engineering team within a corporate environment and volunteering as a customer service advisor at one of the world's largest air-shows.
High Altitude Balloon Project (July 2012)	Key team member and <b>brainchild</b> of successful project to send HAB to the <b>edge of space</b> in order to capture aerial images of earth and collect atmospheric data. Received <b>national media coverage</b> from BBC, ITV and Wales Online. ( <a href="#">BBC News Article</a> )
Head Boy	Developed key leadership, communication, and team working skills while leading a 20-person senior prefect team including playing a key role in organising the 'end of year' ball for the entire 6th form.
Freelance Work	Produced a number of bespoke websites for both 'business-to-business' and 'business- to-consumer' real world clients, as a part-time freelance web designer.

## Work Experience

Current Sept 2014	<b>Department Demonstrator</b> Abersytwyth University, Abersytwyth Working within a small, close-knit team, provide technical and academic assistance to 1 <sup>st</sup> and 2 <sup>nd</sup> year students during assessed practical sessions in addition to verifying that assignments have been successfully completed.
June 2013 to Aug 2014	<b>Software Engineer (Intern)</b> Renishaw Plc - Wotton-under-edge, Gloucestershire <ul style="list-style-type: none"><li>Offered a further <b>summer placement position</b> and <b>university bursary</b> following a 14-month industrial placement with international engineering company Renishaw plc, working within the Internet Development Team as a software/web engineer.</li><li>Involved in the development and maintenance of intelligent web-based and mobile applications used within a variety of applications including CMM control and metrology. Developed using a variety of programming languages and technologies including C#, Javascript, HTML, CSS, and SQL, incorporating <b>well-structured agile development methodologies</b>.</li><li>Achieved high marks from management appraisal resulting in an overall grade of <b>80%</b> for university industrial year.</li></ul>

Feb 2012 to June 2013	<b>Department Ambassador</b> Aberystwyth University, Aberystwyth Selected to become a department ambassador after being identified as a clear communicator with confidence in interacting with the general public. In addition I was asked to provide a series of 15-minute presentations to prospective students and their parents about “student life” in Aberystwyth.
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## Education

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<b>Current</b> Sept 2011	<b>MEng (Hons) Software Engineering with Industrial Year (BCS Accredited)</b> Aberystwyth University, Aberystwyth <ul style="list-style-type: none"> <li>On track for a <b>1st class degree</b> having currently achieved a grade of <b>70% or greater</b> in every university course module.</li> <li>Detailed breakdown of all module grades available on request.</li> </ul>
Sept 2004 to June 2011	<b>Tasker Milward School, Pembrokeshire</b> <ul style="list-style-type: none"> <li>A-Levels: Computing (B), Applied Business (B) &amp; Physics (E)</li> <li>AS-Levels: Mathematics (E)</li> <li>11 GCSEs including: ICT (A*), Graphics (A*), Science (A), English (A) and Maths (B)</li> <li>Key Skills: Working with Others (Level 3), Problem Solving (Level 3), Application of Number (Level 3), ICT (Level 3), Welsh Baccalaureate (Passed)</li> </ul>

## Volunteering

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<b>Current</b> Sept 2014	<b>Student-Staff Committee Member</b> Aberystwyth University, Aberystwyth Currently represent 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.
<b>Current</b> Dec 2014	<b>Basic First Aider</b> St John Ambulance, Aberystwyth Division Currently 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.
July 2014	<b>CREW Member</b> Royal International Air Tattoo, Fairford, Gloucestershire Volunteered at the Royal International Air Tattoo while working as an intern at Renishaw Plc. Focussing 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.

## Interests and Activities

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I enjoy a wide variety of interests and activities including holding a place on the committee of the Aberystwyth Robotics Society and being a member of the university First Aid society (LINKS). I also enjoy a range of sports including mountain biking, kite boarding and sailing.

## Referees

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**Dr. Simon Lee**  
Internet Development Manager  
  
Renishaw Plc  
Wotton Road, Charfield  
Wotton-under-edge, GL12 8SP  
**Tel:** +44 (0)1453 524995  
**Email:** simon.lee@renishaw.com

**Dr. Bernard Tiddeman**  
Senior Lecturer & Head of Department  
  
Department of Computer Science  
Aberystwyth University  
Aberystwyth, Ceredigion, SY23 3DB  
**Tel:** +44 (0)1970 621777  
**Email:** bpt@aber.ac.uk

# Master of Engineering in Software Engineering

## Course Grades

Module	Grade
Year 1	
Introduction To Computer Hardware, Operating Systems And Unix Tools	82
The Mathematics Driving License For Computer Science	95
Concepts In Programming	82
Professional And Personal Development	80
Chaos, Communications And Consciousness	70
Software Development	82
Web Development Tools	86
An Introduction To Communications And Telematics	81
Year 2	
The Advanced Mathematics Driving License For Computer Science	71
Program Design, Data Structures And Algorithms	90
The Software Development Life Cycle	77
C And Unix Programming	89
Web Programming	91
Web Programming	82
Modelling Persistent Data	95
User Centred Design And Human Computer Interaction	71
C++, C And Java Programming Paradigms	90
Year 3	
Industrial Placement (Renishaw plc)	80
Year 4	
Agile Methodologies	72
Advanced Computer Graphics	85
Computer Vision	70
Space Robotics	84
Developing Internet-Based Applications	78
Professional Issues In The Computing Industry	81
Major Project (Dissertation)	78