

Oliver Earl

Software Engineer and MSc Student



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RELEVANT EXPERIENCE

Demonstrator (Teaching Assistant) Sep. 2018 — Present
Aberystwyth University Sep. 2017 — May. 2018
Sep. 2015 — May. 2016

Part-time teaching position for the Department of Computer Science. The role provides opportunities to reinforce technical and programming knowledge whilst also developing invaluable teamworking and teaching skills. Skills taught include: Arduino C++, Java, Frontend Web Development, PHP, and Linux.

- Demonstrating technical topics to undergraduate students to assist lecturing staff on the delivery of course content.
- Providing direct assistance to help students complete classroom based work and helping to instil good problem solving and computational thinking practices.
- Working together with other teaching staff and demonstrators to maximise support delivery across classes

IT Support Specialist Jul. 2017 — May. 2019
Nightline Association

Volunteer position that I dedicate a substantial deal of time towards outside of work and study, in order to support the IT infrastructure of Nightline branches across the UK and Ireland, as well as the parent organisation, with the ongoing aim of reducing the occurrence of student suicide.

- Helpdesk support for services provided to Nightlines and to the Association, including osTicket email, Google G-Suite, Mibew, WordPress, and our line of bespoke solutions
- Responding to queries made via email, Atlassian JIRA, or Facebook
- Maintenance and writing user guides / documentation for both internal and external use
- Work alongside a distributed agile team of support specialists and software engineers throughout the UK

Front-End Web Developer Intern Jul. 2016 — Dec. 2016
Amadeus IT Group

Internship within Research & Development of Amadeus Germany GmbH in Bad Homburg for my sandwich year in my undergraduate degree.

- Member of agile development team working on next-generation travel software solutions
- Prototyping front-end frameworks and web technologies, predominantly Angular, based on existing research
- Studying cutting edge technologies, including TypeScript and Redux, and partaking in programming seminars and learning opportunities
- Communicating predominantly in German language, both spoken and written

OTHER EXPERIENCE

Listening Volunteer 2015 — Present
Aberystwyth Nightline

Advanced helpline worker with over 600 hours of service accrued, 550 in peer support, and 230 in training sessions

HTML Volunteer 2017 — Present
Hostelling International USA

Member of a distributed agile team maintaining the Central Florida WordPress based online presence

IT Officer 2015 — 2018
Aberystwyth Nightline

Developed the local Nightline's website and helped maintain its digital services

EDUCATION

MSc, Predicted Merit 2018 — 2019
Software Engineering
Aberystwyth University

BSc(Hons), First 2014 — 2018
Computer Science with German
Aberystwyth University

TECHNICAL SKILLS

Backend – SQL, PHP, Laravel, Python, Flask, Ruby on Rails, RESTful APIs

Frontend – HTML5/CSS3, JavaScript ES6, jQuery, Vue.js, Angular, Bootstrap, Foundation

Mobile Development – Cordova / PhoneGap, Java, Swift, jQuery Mobile

Game Development – Goddot, Unity, C#, CreateJS, Photoshop, GIMP

Miscellaneous – Arduino C++, Java, Linux, Git, Git Flow, Windows Server, Bash

LANGUAGES

English – Native language

German – Professional working proficiency

CERTIFICATIONS

ITIL Foundation v3
2013

ASIST: Applied Suicide Intervention
2018