

Profile

Age
22

Home
Isle of Man &
Scotland

Languages
English, limited French

Java, Python, PHP, SQL, JS

Contact
+44 (0) 7942 912349
andrew@abctaylor.com
ABCTaylor.com

Education

- 2017-18 **Management (aim: MLitt) – University of St. Andrews**
- 2014-17 **Computer Science (BSc 2.1 Hons.) – Durham University**
- *Dissertation: developed EssaySlimmer.com (AI NLP processor)*
 - *Broad topics: multi-paradigm programming, network engineering, computer architecture, computer vision, AI search, formal computational theory, DBs & scalable systems*
 - *Minor in Cognitive and Biological Psychology*
- 2007-14 **High School**
- *A Levels: AABA* in Maths, Economics, Physics and GS*
 - *GCSEs/IGCSEs in A*-A grouping*
 - *Optionals: Business Studies, Product Design, Geography*

Skills

- Networks** Network planning, threat management, datacentre operations
- Systems** Ubuntu, Windows Server (and in virtualised environments)
- Software** HA design, web apps, penetration testing, scaling
- Marketing** Product development, international brand expansion, competitor analysis, pricing, communications, CRM, direct marketing
- Strategy** Stakeholder & internal analysis, culture, internationalisation

Interests

Cooking & good food, disruptive technologies, datacentres & high availability, artificial intelligence, making things scale, outdoors & pubs with good history

Leadership & Awards

- University**
- Chosen as the Undergraduate Faculty Rep for Science
 - Elected twice: Course Rep for Computer Science
 - *Outstanding Contribution to Academic Representation* award
- School**
- Deputy Head Boy at large state school
 - Winner of Young Enterprise/Junior Achievement scheme
 - Captain of Year 9 rugby

Availability

September 2018

Experience

- 2017** **University College, Durham**
I spent 300 hours developing UCFormal, a scalable event management system to handle signups, schedules, ticketing, invoices, billing, messaging and profiles for very competitive university dinners. The software was a large success and handled over £6,000 of bills and 1,400+ meals in a few weeks. I also developed UCWelfare - a fast, anonymous messaging system for students to communicate with the welfare team about any issues they may be facing, which is being used at the university now. I was awarded a bursary for my work by the college Master.
- 2016** **Natural Environment Research Council (sponsored by BP)**
I produced an interactive Java GUI to help chemists automate their submissions of complex jobs to the University supercomputer for molecular dynamics simulations. The motivation was that many chemists were unfamiliar with Unix environments and a GUI to handle all SSH would save academic time. The chemistry itself was in relation to clay permeability under different solutions for enhanced oil recovery (EOR), in the petrochemistry industry.
- 2014** **Domicilium Networks**
Over a week, I worked on a small research project at a cloud computing data centre, to recommend technical options for a PaaS product the company was developing. Alongside the technical work, I factored in financial benefit analyses and presented considerations to my supervisor, bridging the gap between business and systems, allowing the team to make an executive decision from my work.
- 2014** **Ramsey Crookall**
In my 2014 internship, I spent two months at an LSE-registered stockbroker. My responsibilities ranged from validating customer KYC, examining transactional records in securities, maintaining and managing the files of accounts and administering customer records.
- 2012** **Manx Telecom**
Working in the NOC and data centres on a spring week, my team solved real-life problems in mass telecoms. I ran one maintenance procedure on the 2G Mobile Switching Centres and 3G Media Gateway Controllers, rerouting thousands of live calls, whilst watching engineers solve traffic problems, gaining a concise knowledge of signalling, critical systems control and data transport.