Anthony Catterwell

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Personal projects and experience

- **Compiler**: for a subset of C to MIPS. (Java, MIPS) (Ongoing)

- **Battleships**: game with single-player and multi-player support. (Python)

- **Twitter-bot detector**: co-created program to identify bot-accounts on Twitter at Hack the Burgh 2018. (Python, Twitter API)

- **Login monitor**: service which remotely logs user logins to university computers. (Python)

- **Search program**: indexes and searches university students and staff given their roles. (Python)

- **Micro-bit controllers**: motion-sensitive Micro-bit controllers for a game of Pong at Hack the Burgh. Won ARM prize. (Python, Micro-bit API)

- **Spellchecker**: runs in constant time. (C)

- **Programming internship**: at Centara Grande Hotels' head office. Contributed to the back-end of their staff website involving user-account management. C, SQL (July 2016)

Relevant skills

Java, Python	*Very competent*
Kotlin, Haskell, C, C, SQL, XML	*Good understanding*
Linux and *-nix command line	*Very competent, daily use*
Git	*Quite competent, regular use*

Education

University of Edinburgh	Edinburgh, UK
Computer Science and Mathematics BSc. (Hons) expected 1st	Sept 2016 –
Year 1: 84% average (120 credits)	
Year 2: 82% average (160 credits)	
Bangkok Patana School	Bangkok, Thailand
International Baccalaureate	August 2014 – June 2016
Higher level: Mathematics, Physics, Chemistry	
Standard level: Economics, English, Thai	

Clubs, Societies, and Extracurriculars

University of Edinburgh Game Development Society member	2017 –
University of Edinburgh Computing Society member	2016 –
University of Edinburgh Mathematics Society member	2016 –
DipABRSM Piano Performance	2014