

# Anthony Catterwell

Email: [anthony.catterwell@gmail.com](mailto:anthony.catterwell@gmail.com)

Mobile: +44 7572019279

Github: <https://www.github.com/MadCommy>

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## Education

### University of Edinburgh

*Computer Science and Mathematics BSc. (Hons)* expected 1st

Year 1: 84% average (120 credits)

Year 2: 82% average (160 credits)

Edinburgh, UK

September 2016 —

### Bangkok Patana School

*International Baccalaureate*

Higher level: Mathematics, Physics, Chemistry

Standard level: Economics, English, Thai

Bangkok, Thailand

August 2014 — June 2016

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## Personal projects and experience

- **Compiler:** for a subset of C to MIPS.(Ongoing) *Java, MIPS*
  - **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. (July 2016) *C, SQL*
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## Relevant skills

Java, Python

Kotlin, Haskell, C, C, SQL, XML

Linux and \*-nix command line

Git

*Very competent*

*Good understanding*

*Very competent, daily use*

*Quite competent, regular use*

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## Clubs, Societies, and Extracurriculars

University of Edinburgh Game Development Society member

University of Edinburgh Computing Society member

University of Edinburgh Mathematics Society member

DipABRSM Piano Performance

2017 —

2016 —

2016 —

2014