

# Harry Brown

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## Education

- 2016-2020 **Imperial College London**, Computing MEng  
2014-2016 **Saffron Walden County High School**, A levels  
*A\* Mathematics, A\* Further Mathematics, A Physics, A Computing, A\* EPQ*  
2009-2014 **Saffron Walden County High School**, GCSE  
*6 A\*s, 5 As*

## Work

- 2016 **Frontier Silicon Ltd**  
I spent six weeks working with the Sustaining and Support team on their internet radio platform, written in C. This involved debugging both hardware and software, attending project meetings and communicating with clients about product issues.
- 2016 **Haverhill Community Sports Association**  
I designed and maintained a new website for the company as part of their rebranding, working closely with a graphic designer on the brand identity. I continue to provide technical support.
- 2015 **Frontier Silicon Ltd**  
Spent one week on work experience learning C, and then coding and implementing a new feature to the internet radio interface.

## Projects

- 2016- **Train Times**  
An Android Wear application for displaying upcoming trains at a specified station. Written in Java, uses TransportAPI for live train times and Data Layer API to enable communication with the user's phone.
- 2016 **Fractal investigation**  
As part of my A-level coursework for Computing, I investigated ways of rendering 2D fractals. Written in Python, I also added OpenGL support to improve calculation times. I also researched 3D fractals and their foundations in hypercomplex numbers.
- 2016 **Raspberry Pi Magic Mirror**  
Inspired by Michael Teeuw's Magic Mirror project, a friend and I constructed our own, using the open source repository.
- 2014- **Fallen**  
Wrote a game with a friend for Android, using Unity and C#, and distributing via the Google Play Store.

## Skills

Programming    Java, Haskell, Python, C#, Unity  
Technology    Linux, Windows, Git, SVN

## Outside interests

- Matchday programme editor and media secretary, Haverhill Borough Football Club
- Grade 5 piano
- Imperial College archery
- Jack Petchey award for services to the community