

Felix Hiller

PERSONAL DATA

DATE OF BIRTH: 16 February 1996
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GITHUB: <https://github.com/precastwig>

WORK EXPERIENCE

FEBRUARY 2018 - MARCH 2018 *Marking first year student work at the University of Birmingham*

JULY 2017 - JANUARY 2018 *Self employed personal tutor in Computer Science for University Students*

AUGUST 2015 - MAY 2016 *Clerical Assistant Canvas and eLearning Support Admin Assistant*
Working with the University of Birmingham's Canvas system to aid with the creation and maintenance of university courses. Creating and editing pages for the University of Birmingham external website

JUNE 2012 - AUGUST 2012 *Store Assistant, Scotsdales, Cambridge*

Helping customers face-to-face and general store maintenance duties, unloading stock and loading customers' cars.

EDUCATION

2014 - 2018 *First class Masters Degree in Computer Science* University of Birmingham

2012 - 2014 *A-Levels* Hills Road Sixth Form College, Cambridge

2007 - 2012 *Eight GCSEs* Coleridge Community College, Cambridge

TECHNICAL SKILLS

PROGRAMMING LANGUAGES:

C, C++: Highly skilled with 5-6 years of experience

Java, OCaml, Haskell: Strong knowledge with 2-3 years of experience

Python, C#, Pascal: Working knowledge

SOFTWARE PACKAGES:

Adobe Photoshop, Excel: Highly skilled with 4-5 years of experience

Adobe Premiere, 3D Studio Max: Working knowledge

OTHER TECHNICAL SKILLS:

HTML, CSS, XML, SQL, LaTeX: Skilled with 4 years of experience

Git, SVN: Strong knowledge

PROJECTS

C++ **Raytracer with novel optimisation**

[GitHub](#)

Created for my masters thesis to provide evidence for my novel optimisation during ray-tracing calculations.

Java **Super Noughts and Crosses**

[GitHub](#)

Personal project where I created a more interesting version of noughts and crosses.

C++ **ELO rating system**

[GitHub](#)

Personal project creating an ELO based system to rate 1v1 competitive players in a game. Created to aid the running of a small chess league.

OCaml **Custom Compiler**

[GitHub](#)

Created for a degree module, a compiler for a custom C-like language using Menhir.

INTERESTS AND HOBBIES

Avid climber and active participant in the University of Birmingham Mountaineering Society.
Working knowledge of Swedish; self taught.

Grade 4 Piano

Participant in multiple hackathon events, run by students in the University of Birmingham.