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# Brody Walters

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London

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## Profile

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An engineering student with a strong background in computer hardware and programming. Dedicated and passionate about Computer Science, I have completed multiple java programming courseworks. I have leadership skills which have been developed through driving forward local 7-a-side football tournaments in my local borough as volunteer president. Being an energetic and driven team member, I am aiming to expand my skills in all disciplines of computing.

## Education

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University of Southampton 2018 - 2021

BSc: Computer Science - Expected First Year Grade: 2:1

Modules: Programming 1 , Foundations of Computer Science , Computer Systems , Professional Development (*Grade of 2:1 achieved for Semester 1*)

Algorithmics, Data Management, Programming 2, Software Modelling and Design

Queen Mary University of London 2017 - 2018

Foundation Year: BSc Mathematics - Overall Grade 81.3%

Mathematics 1 (92%) , Mathematics 2 (90.4%), Essential Foundation

Mathematics (88%), Computing(86%), Discrete Mathematics (84%), Physics (82%) , Communications in Science & Technology (70%)

## Technical Skills

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- Moderate ability to code in the Java programming language
- Strong understanding of computer hardware
- Capable in coding Python at a novice level
- Basic exposure to both the C programming language and SQL, looking for any opportunity to improve

## Experience

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05/2018 - 06/2018

Self Employed Tutor — London

Tutor - A Level Computer Science

- Tutored 5 pupils that were preparing for their A Level Computer Science exams, who all achieved grade B and above

- Provided lots of support on the use of communications and networks, with emphasis on synchronous and asynchronous data transmission.

04/2013 - 05/2013    **Blackstock Dental Care — London**  
**Work Experience**

- Collaborated in a team that developed new software responsible for securing patient data.
- The new design was also required to endure many appointments, surgeries and cancellations without failure.

## Notable Projects

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### Energy saving smart house - Java

- University project to construct a simulation of the energy consumption and generation of a smart house.
- Helped nurture a good understanding of polymorphism and Object Oriented Programming.

### Graphical User Interface- Current Java Project

- Build Graphical User Interfaces in Java
- Program basic synchronisation mechanisms for multi-threaded Java applications
- Use assorted Java API libraries

## Activities

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- Actively participate in competitive football, I have recently joined my University football team where I enjoy playing weekly matches
- I frequently attend careers talks held at my university to help give me an early insight into the inner workings of companies in my future job field
- Created a mini society at my university accommodation, where I organise screenings of major sporting events for people to come and relax
- Volunteer Work- I fund raised a trip to Uganda in 2015 with my college where we taught at a struggling local primary school and helped build a library for the kids, which we filled with books.