|  |  |  |
| --- | --- | --- |
| Sophie Thompson |  | EDUCATIONWestcliff High School for Girls 2011 - 2018  A-Level’s – A\* Maths, A\* Further Maths, A\* Chemistry, A\* Physics  EPQ – A  STEP 1 – Grade 2 Imperial College London 2018 – 2022  Computing MEng  1st Year – 2:1  (including 88% in Mathematical Methods) |
| Profile Hi, I’m Sophie. I am currently studying Computing at Imperial and am in my second year Contact PHONE:  07984391935  WEBSITE:  sophiethompson.uk  EMAIL:  [sophie.thompson18@imperial.ac.uk](mailto:sophie.thompson18@imperial.ac.uk)  [sophiet1400@gmail.com](mailto:sophiet1400@gmail.com)  LINKEDIN:  [https://www.linkedin.com/in/sophiet1](https://www.linkedin.com/in/sophie-thompson-441551175/) |  | WORK EXPERIENCE    SKILLS & INTERESTS  * Programming – work frequently with Java, Python and C. Have done various projects in Haskell, HTML/CSS and Javascript * Ten Pin Bowling – From the age of 14 have competed internationally both independently and as part of Team England. In 2018 became double European Champion collecting 2 golds and a silver in the European Youth Championships  Projects  * ARM project – writing an assembler and dissassembler in C, writing some assembly code that was then run on our disassembler. Followed by an extension using a Raspberry Pi to make a binary numbers game * Terminal Squares – Java - game making squares to get points with a mediocre AI * Pintos, a simplified OS, written in C. In this we work with threads and processes implementing a scheduler, system calls and virtual memory * WACC, a compiler for the simplified language WACC. This compiler was written in java and is capable of translating WACC into ARM assembly code that can then run, giving the desired output ot the program * Unicompare – in a group of 4 we developed a webapp for prospective university students to compare universities in both social and academic aspects. The webapp was developed through numerous design iterations with multiple stakeholders. The project was written in Python using the Django web framework and some HTML/CSS |