Solomon Varcoe

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EDUCATION

UNIVERSITY OF BRISTOL   2017 - 2021

M.Eng. Mathematics and Computer Science   (Predicted 1st)

    First year result: 71%

- Gained valuable experience in programming languages from all paradigms, notably C, Java and Haskell. I especially enjoyed function programming (in Haskell) due to its mathematical approach which resulted in a high grade (82%).

- Developed a formal understanding of essential mathematic concepts, both pure and applied, which are currently being put into context in second year units such as Multivariable Calculus.

- Took part in a pair programming module in Java in which I formed strong communication, management and development skills whilst learning industry standard practices e.g Git/Github (version control) and Maven (dependency management).

- Strongly interested in artificial intelligence and machine learning after being introduced to it during the pair programming module, in which my team developed an AI player for a game as an extension (resulting in a first-class mark). As a result, I plan to take modules in this field in subsesquent years and have taken relevent maths units (Multivariable Calculs and Probability 2) this year.

Second Year Modules:
    Language Engineering; Data Structures and Algorithms; Multivariable Calculus; Methods of Complex Functions; Probability 2; Symbols, Patterns and Signals; Coding and Number Theory; Theory of Computation

First Year Modules:
    Functional Programming; Object Oriented Programming; Imperative Programming; Algorithms; Calculus 1; Linear Algebra 1; Probablility 1; Analysis 1A; Foundations & Proof; Group Theory

EXETER COLLEGE   2015 - 2017

Graduated with the following A Levels:

Physics	(A*)	Mathematics	(A*)	Further Mathematics	(A)	Philosophy (AS Level)	(B)

CHULMLEIGH ACADEMY   2010 - 2015

Graduated with:

    11 GCSES including Maths (A*) English Language (A) English Literature (A)   (all A* - C)

TECHNICAL SKILLS

LANGUAGES:	C	JAVA	HASKELL	JAVASCRIPT	VISUALBASIC	HTML	LATEX
MISC:	GIT	WINDOWS	LINUX	ECLIPSE	VISUALSTUDIO	UNITY	OFFICE

OTHER