

James Tavernor

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Education

MENG JOINT MATHEMATICS AND COMPUTER SCIENCE | IMPERIAL COLLEGE LONDON | 2016 - 2020

- I have achieved a first in my first year at University studying the following modules:
- Programming (Haskell, Java, C),
- Logic,
- Reasoning about Programs,
- Architecture,
- Foundations of Analysis,
- Mathematical Methods,
- Applied Methods and Linear Algebra,
- Analysis and Abstract Linear Algebra

ST. AMBROSE COLLEGE | 2009-2016

- A levels: Mathematics (A*), Further Mathematics (A*), Physics (A)
- AS levels: Computing (A)
- GCSEs: 3 A*s, 5 As and 2 Bs

EDX

- I have achieved online qualifications from edX for a course in XAML with application development, and another in C++.

Work Experience

WEB DEVELOPMENT | HALLNET | 2015

- I worked at a bespoke web development company and developed internal tools (in PHP and JavaScript) which searched an SQL database for criteria matching those given by the user to return common sample documents and text which can then be added to admin documentation. This saves the company time when writing documents explaining their development of a project for the user. I also gained experience at meetings in dealing with clients.

Achievements

AWARD FOR OUTSTANDING COMPUTING PROJECT

- During first year at Imperial College I was the group leader for a 10-week project which involved researching a topic within computing and creating an educational website with references on our chosen topic which we then presented. We received an award for one of the most outstanding projects in computing 2017.

PRIZES

- I have taken part and achieved success in several competitions including the
- Mathematical Education on Merseyside Challenge (consolation prize),
- UKMT Senior Challenge (gold award and best in year award)
- UKMT Intermediate Challenge
- Cosgrove award for sixth form academic excellence

Extra-Curricular

MUSIC

- I have achieved Grade 4 in piano and play the trombone in school bands, ensembles and orchestra. I also took part in the music tour of Germany whilst at St Ambrose College.

PROGRAMMING

- I thoroughly enjoy programming as a hobby and have taken part in hackathons and have enjoyed studying courses from stackskills to broaden my programming ability and undertake my own projects in my free time.