Max Behrens

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Personal Profile

I am a third year computer science and mathematics undergraduate, studying at the University of Liverpool with experience and interest in and software engineering. When approaching new areas of study I am always eager to understand the material to the fullest extent and am able to deliver my ideas clearly and concisely to others and when working with teams of colleagues and students.

I have undertaken commercial work building and configuring customer databases, specifically customer relationship management sites for more effective ways of viewing company data and connecting with employees.

Education

2017 – 2021: University of Liverpool BSc Joint (Hons) in Computer Science and Mathematics
2:1 (expected)

Modules include – Fluid Dynamics, Dynamical Systems, Java & HTML Programming, Data Analysis and Artificial Intelligence.

My degree has taught me to handle data and process computations efficiently; combatting problems that arise with logical and effective methodology. Since my enrollment, I have completed projects in multiple programming languages such as Java and Flutter, and have utilized software such as Minitab and BlocksCAD to produce mathematically oriented data models.

During my attendance, I have taken part in a graded team exercise to produce and present an information management system for a company in the form of an SQL database, making me proficient in researching new areas of study and implementing concepts formed.

2010 - 2017: Student at Prince Henry's Grammar School, studying Physics, Chemistry and Mathematics at A Level and Economics at As Level.

A-Level Grades Achieved: A in Economics (As-Level), B in Mathematics, B in Physics,
B in Chemistry, C in Physics.

Work Experience

2017 – Present:

Mathematics, computer science, physics and chemistry tutor at Academy International private tutoring agency, teaching multiple one-on-one sessions with students studying from GCSE to A-level. In working here I have learnt valuable communication skills such as presenting points clearly and coming to new understandings and conclusions with the work. In 2018 I developed an online PHP database for my employer, which gave them a new, more efficient and accessible way to view and manage their company's data, such as contact information and class schedules.

Summer 2016 :
Student placement at Unilever in Seacroft, where for a week I was supervised by employees from different sectors of the branch and performed various tasks, including joining a brainstorming session with the product designers and handling small machinery with the factory engineers. From this I was introduced to the workplace environment, as I contributed ideas to a team of others, and collaborated on problems with quick deadlines.

Summer 2016:
Student placement at TradeBe Waste Management Service in Knottingley, where I was supervised by different programmers and data analysts and shown how physical factory processes are monitored, controlled and sustained, and attended employee meetings discussing improving company efficiency.

Activities and Skills

- Participant in an international scheme organized by the Leeds Development Education Centre, where I was able to meet students from across the continent to discuss climate change issues, and organize events for the local public to participate in and provide answers to surveys that we produced.

- Produced a summary of data collected from local businesses in Ilkley, Yorkshire by using statistical analysis to uncover trends and parallels between answers to certain questions posed. The conclusions were then taken into consideration by the local council.

- Developed a fully working and tested android app and Java made website portfolio.

- Produced an extended piece of writing in detail on a chosen subject as an As Level, referencing relevant and credible sources and comparing published figures and statistics to determine a new opinion based on found conclusions.

- Selected as one of the 10 finalists to run for a position in the UK Youth Parliament, where I delivered a speech to a large audience to propose my ideas for improvement and change within the party.

- Designed computer graphics for various artists and websites using Adobe Photoshop and After Effects, teaching me to manage projects and work towards deadlines.

- 2012 - Won 2nd prize in an international art and design competition run by the Leeds Development Education Centre.

- Singer and pianist for 3 bands, one of which came first place in a charity based competition.

References are available upon request.