Solly Varcoe

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Education

University of Bristol **September 2017 - June 2021**

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

Third Year: 79% Second Year: 74% First Year: 71%

Notable Projects:

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Exeter College **2015 - 2017**

Graduated with the following A Levels:

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

Chulmleigh Community College **2010 - 2015**

Graduated with 11 GCSES (A* - C) including:

Mathematics (A*) Science (A*) Computer Science (A) English Language (A) English Literature (A)

Employment

Ministry of Defense **Software Engineer** **July 2020 - September 2020**

- Researched and implemented a quantum-resiliant, latice based cryptosystem (NTRU) in C.
- Produced security reports on potential malware by reverse engineered executables using X86 assembly and IDA Pro
- Presented to industries clients such as AWS and IBM on topics such as machine learning and security

CGI (Formerly SCISYS) **Software Engineer** **July 2019 - September 2019**

- Embraced Agile development methodologies using tools such as git, sourcetree and jenkins to effectively work within a team of 6 other developers on a classified AI and automation research project for the Royal Navy
- Expanded analytic capabilities by desinging, implementing and testing a history module & additional data visualisation
- Increased the reliability of the front-end interface by rewriting all automation tests using a class based, relative model
- Presenting my work at daily standups alongside contributing ideas at fortnightly sprint reviews

Projects

Placeholder

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Placeholder

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Technical Skills

LANGUAGES:	C	C++	JAVA	JAVASCRIPT	PYTHON	HASKELL	X86 ASM
MISC:	GIT	WINDOWS	JUNIT/SELENIUM	ECLIPSE	WINDOWS	LINUX	POSTGRESQL