THEO **GREGORY**

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EDUCATION

UNIVERSITY OF BIRMINGHAM

MSci Computer Science | First Class Honours, 78% overall
Final year modules: Neural Computation, Machine Learning,
Cryptography, Secure Programming, Teaching in Schools

TONBRIDGE GRAMMAR SCHOOL

International Baccalaureate | 40/45
HL: Computer Science 7, Economics 6, Mathematics 5
SL: Spanish 7, English Literature 7, Film 7

CREATIVE

Acting 8, Singing 8, Trombone 6, Piano 5

ACCREDITATIONS

UNDERGRADUATE OF THE YEAR 2017

Finalist for the Computer Science, IT and Physics Award in
the TARGETjobs Undergraduate of the Year Awards 2017

ALEXA STUDENT DEVELOPER DIPLOMA

Awarded for completing the 2017 Alexa Student Summer
Promotion

INTERESTS

Combined with a love for tech, I am a keen back-country
skiier and an avid fan of all things film and theatre. I've a
passion for cooking and eating well, and also enjoy bouldering
when I can find the time.

REFEREES

References available on request

EXPERIENCE

FREETRADE | Software Engineer | JUL 2019+
TypeScript, GCP, ES, Firebase, Python, SQL, Circle
 - Owned the design and integration with a mission-critical
trading partner API, using SQS within GCP to deliver
performant order updates.
 - Owned the design and platform-side development of
our Terms & Conditions user agreements.
 - Key role in supporting limit orders within Invest, our
internal trading platform.
 - Owned the migration of Invest from Firebase to GCP
using Terraform, Rollup and Lerna.
 - Improved our CI/CD pipelines to meet the demands of a
growing team on a serverless platform.
 - Weekly on-call rotation, routinely debugging unseen
areas of the codebase, maintaining open communication
with other departments during outages, and crafting SQL
queries to fulfill requests.

NEWVOICEMEDIA | DevOps
JUN 2017 - SEP 2017 | **Python, AWS**
 - Wrote monitoring micro-services for their cloud-based
call centre solution.
 - Oversaw the deployment of Exceptionless, an exception
aggregator, into production.
 - Ran a one-day workshop on working with AWS.

GADGET SHOW | Project Leader
JUL 2016 - SEP 2016 | **Java 8**
 - Led a team of 25 students in the development of a
speed dating chat-bot in Java 8, broadcast on Channel 5.
The work was achieved remotely with team members
located around the globe.

HUSH | Dissertation | Kotlin, Python, AWS
 - Android app modelled a user's interactional patterns
with their notifications to dynamically adjust the modality of
interruption for new notifications. Received 80% overall.

P.R.I.Y.A. | 3rd Year Robotics | Python, AWS, Java
 - In a team of 6, designed and developed a robotic guide
dog, commandable through Amazon Alexa.
 - Owned the integration of all AWS functionalty.

PHASESHIFT | 2nd Year Team Project | Java
 - In a team of 5, developed a top-down, online, multiplay-
er shoot 'em up game. Contributed to all areas of the
project, with ownership of the networking.

AMAZON WAREHOUSE | 1st Year Robotics | Java
 - In a team of 7, developed a centralised system to
navigate robots in fake warehouse, in a profit-maximising
manner. Received 100% overall for the module.