

THEO GREGORY

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BIRMINGHAM, ENGLAND

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EDUCATION

UNIVERSITY OF BIRMINGHAM

MSci Computer Science | Third Year Results: 79% - 1st

Graduating July 2019

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

CLAVERHAM COMMUNITY COLLEGE

GCSE | 4 A*, 4 A, 2 B

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

REFEREES

MATTHEW CHURCHER | NewVoiceMedia

matthew.churcher@newvoicemedia.com

RACHEL BOND | Byhiras

rachel.bond@byhiras.com

EXPERIENCE

NEWVOICEMEDIA | DevOps | Python, AWS

JUN 2017 - SEP 2017 | BASINGSTOKE, UK

I spent 3 months writing additional monitoring tools for their cloud-based call centre solution. I oversaw the deployment of Exceptionless, an exception aggregator, into production; ran a one-day workshop in AWS; and presented frequently in both progress and self-development meetings.

BYHIRAS | Intern | Java 8

AUG 2016 | LONDON, UK

I worked for a month as part of a small team developing a solution for transparency and accountability in investments. I furthered my skills with Java 8, and learned to use Gerrit and Jenkins as part of a Test-Driven Development environment.

GADGET SHOW | Project Leader | Java 8

JUL 2016 - SEP 2016 | BIRMINGHAM, UK

I led a team of 25 people in the development of a speed dating chat-bot in Java 8, broadcast on Channel 5 on 18 November. A large portion of the work was achieved remotely with team members located around the globe.

THEATRE WORKSHOP | Drama Teacher

AUG 2015 - JAN 2017 | BIRMINGHAM, UK

I taught drama to 7 classes of children aged between 5-18 across 2 Birmingham schools every Saturday. I was responsible for their education, planning lessons, and devising and directing performances.

THEATRE, TELEVISION & RADIO

2009 -2013 | UK

I have a broad range of experience with appearances and roles in the IT Crowd, EastEnders, the lead in a BBC R4 play, the Edinburgh Fringe Festival and multiple adverts. I learned to take direction, adapt to new situations quickly, manage time effectively, and work and communicate with cast and crew.

ESPRIT SKI | Snow Ranger

DEC 2014 - APR 2015 | LA PLAGNE, FRANCE

As part of a team, I was responsible for looking after up to 120 children aged 2-14 from 8am to 11pm. This required strong leadership, communication and teamwork skills in dealing with both the children and their parents.

PROJECTS

Hush | Dissertation | Kotlin, Python, AWS

(In development) Hush models a user's interactional patterns with their notifications to dynamically adjust the modality of interruption for each new notification. The application is written in Kotlin for Android, with the backend and model generation written in Python, using AWS Lambda and RDS.

P.R.I.Y.A. | 3rd Year Robotics | Python, AWS, Java

A 6-person group project designing and developing a robotic guide dog, commandable through Amazon Alexa. My main role was to develop and integrate all AWS functionality. The robot was programmed in Java, and the backend in Python with AWS.

PhaseShift | 2nd Year Team Project | Java

A top-down, online, multiplayer shoot 'em up game written in a team of 6. I assisted in the development of all areas of the project, with the Networking components being my main responsibility.

Amazon Warehouse | 1st Year Robotics | Java

As a team of 7, we developed a centralised system that mimics an Amazon warehouse facility. The robots picked up and delivered packages in a profit-maximising manner whilst avoiding collisions with each other. I scored 100% overall for this module.

INTERESTS

I am a keen back-country skier and race regularly for my University's ski team. I have been on the committee for the skiing society for two years in the roles of Social Secretary and Media and Merchandise, and recently we promoted and sold the club's largest ever trip of 820 students. I'm also particularly interested in film and theatre, having had a passion for the dramatic arts in my youth.

VOLUNTEERING

Kent College | Carer

OCT 2012 - NOV 2012 | TONBRIDGE, UK

I took part in a support initiative, designed to provide a valuable learning experience for both physically and mentally handicapped individuals.