

Thomas Jack Parker

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Academically successful Software Engineering 3rd year undergraduate student, on track for a first-class honours degree, looking to gain practical experience.

EDUCATION

2014 - Now	University of Glasgow, Software Engineering: on track for 1st class honours First Year: Completed all 6 courses at a grade level of A. Second Year: Completed 9 out of 10 courses at a grade level of A and 1 at a high B. Additional Information <ul style="list-style-type: none">• Current 3rd year student at the time of writing.• Built and lead a team in the Glasgow University Cyber Defence Exercise (CDX) tournament that went on to win.• Performed as a pen tester against 100 students in the following CDX year.• Helped provide a voice for fellow students as a SRC representative for a level 1 course.• On the University's Engineering Excellence list for the second year in a row.
2008 - 2014	International School of Düsseldorf, Germany International Baccalaureate: HL Maths (6); HL Physics (6); HL Music (5) SL English (6); SL Economics (6); SL German B (6) Additional Information <ul style="list-style-type: none">• Helped run Project Tanzania, a volunteer project involving teaching a class of 30 students a variety of subjects in Tanzania.• Worked with the school's IT department to improve network security and point out web application security risks.• Played within the school's Softball team and was a member of a Jazz Band.

WORK EXPERIENCE

June to Aug. 2016	E.ON Connecting Energies GmbH – Process IT <ul style="list-style-type: none">• Worked as a software developer for 12 weeks within multiple teams to help develop different products in an Agile environment.• Developed proof of concept software for a new product with an intended customer.• Worked with business colleagues to develop software requirements.• Created data retrieval software deployed in production for market price analysis and forecasting.• Quickly learnt the team's language of choice, Scala.
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**June to
Aug. 2015**

E.ON Connecting Energies GmbH – Process IT

- Worked as a software developer for 10 weeks further developing the testing platform built the previous year.
- Developed requirements for the improved testing platform that is still used today.
- Built a web application endpoint to help provide visibility for key performance indicators.
- Successfully updated production software to fix an issue under a tight time constraint.
- Gained knowledge in web technologies and best-practices.

**July to Sep.
2014**

E.ON Connecting Energies GmbH – Process IT

- Interned as a software developer for 6 weeks working on developing a testing platform for the team's product.
- Built a power plant simulation on a Raspberry Pi in Java.
- Used GPIO to provide physical interactions with the software.
- Layered a web server on top of the simulation's REST endpoints to provide configuration options and information into what the software is doing.

Sep. 2011

Vodafone GmbH

- Collaborated with phone designers and software developers to gain insight into the development process.
- Helped provide feedback on upcoming devices and software.

VOLUNTEER WORK

June 2013

Project Tanzania

- Taught a class of 30 students Computer Science for 3 weeks in Tanzania.
- Helped the students there practice and develop their English skills.
- Helped the students prepare for upcoming exams in other subjects.

SKILLS

Java, Scala, Python, C, C++
Linux, Embedded Programming
Analogue and Digital Electronics

HOBBIES & INTERESTS

Rock Climbing
Piano
Technology

REFEREES

William Douglas Taylor
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