



Gabriel - SCADA (Supervisory Control and Data Acquisition) Engineer

Gabriel writes the code that unlocks the awesome potential of wind power.

It's one thing to know how a wind turbine should operate; it's quite another to translate it into a language that computers understand. That's what Gabriel does.

He programmes the software that enables wind turbines to be controlled on screens in remote substations. "It's intriguing how a few lines of code can make these huge machines do whatever you want".

Gabriel has always loved computers and gadgets. While studying for his BTEC in electronics he learnt more about what's inside them. "It's fascinating how all these tiny resistors, capacitors and microcontrollers come together in a smartphone that connects you to the world".

He only recently completed his apprenticeship with Siemens in Berlin. It was an experience he really enjoyed, despite an initial setback. "I didn't know until the first day that we would be taught in German!"

Following intensive study Gabriel now has a new language as well as a new job with a top European company.

2008
Left school with 8 GCSEs

2008
BTEC National Diploma in Electronic Engineering and achieved a distinction -merit level

2011
City & Guilds in Electrotechnical Technology

2012
City & Guilds in Electrotechnical Technology Level 3; Mechatronics Apprenticeship with Siemens in Berlin

2015
Started full-time at Siemens as a Software and SCADA (Supervisory Control and Data Acquisition) Engineer

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