

Anthony Abouzeid

Sheffield, UK • <https://tony-zeid.github.io/>

Engineer with a First Class BEng in Electrical Engineering, recently gained hands-on experience with microcontrollers and FPGAs through academic work and personal projects. Prior to graduation, spent several years in project management and machine service, developing strong problem-solving skills. Now seeking to apply these skills to the field of electronics design while working in an environment which supports continuous professional development.

WORK EXPERIENCE

Heidelberg UK

Mar 2020 – Mar 2023

Supplier of machinery to the printing and packaging industry.

Field Service Engineer

- Responsible for the installation, maintenance, and repair of guillotines, folding machines, die cutters, and industrial robots. Serviced a wide geographical area, covering over one hundred sites across England and Scotland. Provided on-site troubleshooting and technical support, including on PLC systems, ensuring optimal machine performance and minimising downtime.

Northern Powergrid

Aug 2012 – Feb 2017

Regional distribution network operator for electrical power.

Project Engineer

- Responsible for planning and delivering infrastructure reinforcement projects for the electrical power network, managing a work-in-progress budget of approximately one million pounds. Led project execution, ensuring timely, on-budget completion in line with safety and quality standards. Performed low voltage switching and high voltage supervised switching operations to maintain safe continuity of supply. Conducted site evaluations and risk assessments for staff and public safety. Collaborated with internal teams, external contractors, and local authorities to achieve project goals.

EDUCATION

Mixed-Signal Hardware Design with KiCad

Fedével • Online

Sep 2024 – Present

BEng (Hons) Electrical Engineering: First Class

Sheffield Hallam University

Sep 2023 – May 2024

FdSc Power Engineering

The University of Sunderland. Sponsored by Northern Powergrid

Sep 2012 – May 2014

SKILLS & INTERESTS

- Control systems, Matlab
- C Programming, MCUs
- Digital Signal Processing
- Electronics Design, KiCad
- FPGAs, Verilog, VHDL
- Git version control
- Industrial automation
- Power Systems
- Project Management
- Quartus, Vivado
- SPICE Simulation
- Test and Measurement