

# DANIEL GRIFFITHS

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[www.github.io/polderrider](http://www.github.io/polderrider)

## SUMMARY

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Software Engineer with 1 year experience in developing programs for desktop, web-apps and command line deployment. Strong foundation in programming languages C and Python, and functional programming languages Bracket, ML. Gained knowledge of Object Oriented Programming language C# during IT experience at Tata Steel Direct Sheet Plant. Studying Computer Science has built a solid understanding of programming fundamentals and shaped skills for writing understandable code. Equally comfortable as a self-starter, team leader or Agile team member, I maximise impact in my work by managing stakeholder expectations and careful time management.

## SOFTWARE ENGINEER EXPERIENCE

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### Junior Software Engineer

2022 – present

[Tata Steel](#)

IJmuiden, NL

- Gained experience in C# .NET programming during a placement in the IT Engineering team at the TSE Direct Sheet Plant. Liaising with end users, I supported developers in maintaining programs responsible for coil movements in the Warehouse Management System.
- Programming languages experience and study
  - C languages C / C++ / C#
  - Python / Bootstrap / Flask
  - Database SQLite / mySQL
  - Functional languages Racket / ML
- Developed stock price web app using Python / Flask for frontend and SQLite for backend. Using an API, the app offers the user access to current share price search, buying / selling shares, and a 'Stock Trade History'.
- Continuing second year of studying Computer Science alongside full time employment to develop knowledge in advanced CS topics (Data Structures & Algorithms, System Architecture and Design)

## EDUCATION (COMPUTER SCIENCE)

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- [cs50-Python](#) course, September 2023 - ongoing  
Harvard University, Remote
- [OSSU Computer Science Curriculum](#), January 2023 - ongoing  
Open Source Society University, Remote
- [C# Sharp Programming](#), April 2023 – May 2023
- [Python for Everybody](#), January 2023 - February 2023
- [cs50x](#) 2022 course, October 2022 - March 2023  
Harvard University, Remote

# PROFESSIONAL EXPERIENCE

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## Automotive Insight Manager

2016 - 2022

Tata Steel

IJmuiden, NL

- Guided TSE investment decisions as team member providing research and insights about steel demand, customers and 10 year market outlooks for investments in E-motor steel production, EV battery steel and Low Carbon Steel price mechanism
- Briefed senior Sales and Marketing Leadership in monthly Global Auto Market meetings discussing customer and market developments, forecasting EU vehicle production and future steel sales
- Improved Global Account Manager's share-of-wallet knowledge and Annual Plan steel sales forecasting by automating steel demand dataset (in Powerpivot) to include individual car models' steel demand per steel product
- Managed two reporting lines (Director of Strategy, Head of Marketing) to produce market sizing, customer insight and competitor market share growth reports on an ad-hoc basis (e.g. Hot Dipped Galv Full Finish market report)
- Responsible for c.EUR 50k annual budget for automotive market research

## Automotive Account Manager

2012 - 2016

Tata Steel

IJmuiden, NL

- Responsible for maximising profit margin across a 100 kilotonne automotive portfolio supplying to German and Central Europe customers
- Managed multi-discipline Account Team across a matrix organisation prioritising customer satisfaction by promoting a right-first-time approach with team initiative encouraged to drive continuous improvement

## Commercial Accountant

2010 – 2012

Tata Steel

Cardiff, UK

- Reported to Financial Controller on automotive customers financial performance
- Researched and created KPI reports for briefing senior finance and automotive account managers

## Business Analyst

2007 – 2009

Tata Steel

Cardiff, UK

## Masters IELTS Tutor

2006 – 2007

University of Southampton

Southampton, UK

- Responsible for designing and teaching lessons to international students with the aim of preparing students language ability to meet the demands of Masters degree study

## English Tutor

2004 – 2005

Freelance

Bandung, IND

- Negotiated teaching contracts with public organisations (Universities, government departments) to design and teach English language seminars and syllabuses

## English Tutor

2001 – 2004

Japanese Ministry of Education

Kyushu, JPN

- Appointed by Ministry of Education to design and teach English lessons at a Japanese High School

## EDUCATION

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- MSc Accounting and Management (Post Graduate Diploma) 2006 – 2007  
University of Southampton Southampton, UK
- BSc Management Science 1997 – 2001  
University of Wales, Swansea, UK
- A-level (Maths, Physics, Chemistry) 1995 – 1997  
Cowes High School, Isle of Wight, UK
- GCSE (10) 1991 – 1995  
Ryde School, Isle of Wight, UK

## LANGUAGES

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- Dutch intermediate (currently studying B1 -> B2)
- Japanese intermediate

## INTERESTS & HOBBIES

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- Trainer for under-15 football team and referee
- Playing and teaching my sons guitar
- Sport (running, cycling, swimming)