**DANIEL GRIFFITHS**

Tel: +31 6 1543 0229 @: dg4978@outlook.com [www.github.io/polderrider](http://www.github.io/polderrider)

SUMMARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* [cs50-Python](https://cs50.harvard.edu/python/2022/) course, September 2023 - ongoing

Harvard University, Remote

* [OSSU Computer Science Curriculum](https://github.com/ossu/computer-science), January 2023 - ongoing

Open Source Society University, Remote

* [C# Sharp Programming](https://studycoding.org/p/beginning-c-sharp-programming), April 2023 – May 2023
* [Python for Everybody](https://www.py4e.com/lessons), January 2023 - February 2023
* [cs50x](https://cs50.harvard.edu/x/2022/) 2022 course, October 2022 - March 2023

Harvard University, Remote

PROFESSIONAL EXPERIENCE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 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

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

INTERESTS & HOBBIES

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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