Thomas Ogden

Curriculum Vitae

1713, Studentbacken 21,

11557, Stockholm, Sweden

+44 7834 421552

t@tommyogden.com

Professional Experience

Founder & Software Developer
Dinorwic, Stockholm
Jul '10–

- Founded a consultancy to support my Masters study during academic holidays.
- PL/SQL & Oracle development and business analytics.
- Serving clients in scientific analysis and manufacturing industries.

Oracle PL/SQL Developer
Biwater, Manchester
Jan '07–Jun '09

- Worked on implementation of an ERP system for the Biwater group in 2007.
- Migrated data from a legacy system and developed application layers.
- Designed suites of reporting tools for finance, project management, commerical, supply chain and payroll functions.

Graduate Electrical Engineer
Biwater, Peterborough
Jun '05–Dec '06

- Led electrical and control system design on an £11m programme of work to maintain water supply to the town of Newmarket.
- Managed subcontracts for electrical installation, motor control centres, generators, transformers and telemetry.
- Developed and tested Programmable Logic Controller software to automate plant operation.

Education

MSc in Computational Physics
Stockholms Universitet
Aug '09–

- Courses in mathematical methods, numerical analysis, high-performance computing, quantum chemistry, simulation methods and molecular physics.
- Masters project on reorientational dynamics of nitrate anions in solution.

BSc (Hons) in Mathematics & Physics
University of Warwick
Oct '01–Jun '04

- Degree project on magnetohydrodynamics in the solar corona.

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A Levels

Mathematics, Further Mathematics, Physics, Computing, Chemistry (1 year), General Studies.

Oulder Hill Sixth Form

Sep '99–Jun '01

Skills

Languages

Native: English.

Foreign: Swedish (basic: 2 years of university courses and residence),

French (basic: GCSE and 1 year of university courses).

Programming

Languages: C++, PL/SQL, Fortran, Matlab, Ruby.

Databases: Oracle, MySQL.

Markup: HTML, CSS, TeX.

Design

Tools: Photoshop, Illustrator, InDesign, Crystal Reports.

Activities

Music

- Certified by *ABRSM* to grade 5 in piano, violin and music theory.
- Write, sing, play guitar and ukulele for the folk-pop group *Empty Set*.
- Released a critically-acclaimed debut album in 2009.

Pursuits

- Hiked the 429km *Pennine Way* national trail solo for two weeks in 2009.
- In training to run the *Stockholm Marathon* in May 2011.