

Thomas Wilding

CONTACT

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1 Chaucer Mansions
Queens Club Gardens
London

EDUCATION

MEng. in Computing, with First Class Honours
Imperial College London, 2014.
Masters Thesis: *“Modelling and Prediction of Multiple Epidemic Phenomena”*

Bachelor’s in Computing, with First Class Honours
Imperial College London, 2013.

PROFESSIONAL EXPERIENCE

Accenture - Analyst Software Engineer September 2014 - Current
Developed a reusable framework which enables rapid integration layer creation using the latest Enterprise Integration technologies. Worked as part of an Agile team to deliver APIs to a large telecommunication company (Using the framework that we developed).

Amadeus - Intern Software Engineer April 2013 - September 2013
Redesigned an existing application within the Departure Control System and gained experience of working in a Software Development company.

DB Consulting - Systems Developer June 2012 - September 2012
Gained an initial insight into working within software teams, including testing and taking certifications in Microsoft Dynamics CRM products.

COMPUTING EXPERIENCE

Java

Wide range of experience implementing Java across multiple Enterprise and open source systems.

C

Developed a basic OS alongside programming courses.

C++

One of my favourite languages, I have programmed numerous C++ projects including an encoding systems and graphical rendering programs.

Haskell

Implemented a Compiler and a series of projects in Haskell.

SQL

Studied relational algebra and SQL in various database modules.

Web

Created numerous web applications using the latest JavaScript frameworks, CSS and HTML. Awarded the IBM group project prize for a concurrent, real-time web application. Experience using Angular, Node, JQuery, Bootstrap and other web frameworks.

Other

Prolog, Perl, Scala, Android (Java), IOS (Swift and C#), Unity (JS and C#), MuleESB, Code management tools such as Git, Jenkins, CI.

PROJECTS

Integration Framework

Created a reusable framework that enables rapid creation of standardised and auto tested integration services. This project required full stack development and resulted in a extensible and reusable asset which significantly decreased costs and time to create integration services, while simultaneously enhancing consistency across different implementations and also code quality within each implementation.

Integration Delivery for a global Telecommunications Company

Part of an agile team delivering APIs through weekly code drops, this was an aggressive delivery schedule that was only feasible through the use of our previously developed Integration Framework.

Real-Time whiteboard

I was awarded the IBM group project prize for my second year group project, called Scribboard, which is an application that enables multiple people to collaborate through drawing and other multimedia.

Other Projects

Many other projects in different computing domains such as Machine Learning, Robotics, Parallel Computing, Pervasive Computing, Parallel Algorithms, Simulation and Modelling, Graphics and Software Reliability.

PUBLICATIONS **Uncertainty in On-The-Fly Epidemic Fitting**

Thomas Wilding, Roxana Danila, Marily Nika and William J. Knottenbelt. Computer Performance Engineering, Lecture Notes in Computer Science Volume 8721, 2014, p.135-148, Springer International Publishing.

Going Multi-viral: Synthedemic Modelling of Internet-based Spreading Phenomena

Thomas Wilding, Marily Nika, Dieter Fiems, Koen De Turck and William J. Knottenbelt. Valuetools, 8th International Conference on Performance Evaluation Methodologies and Tools, p.50-57 2015, ICST, appears in ACM.

ADDITIONAL SKILLS

Grade eight guitarist.

UK car driving licence.

Interested in obtaining my Private Pilots Licence.