

Mr. Yang Jiang

Contact

Information

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Work Experience

[SAP Labs China](#), Shanghai, China.

Full-Time Senior Product Manager

March 2012 - Present

- Technical and business-wise expert on Financial service solution.
- Solution architect and product release manager on Cloud SaaS content framework for seamless business transformation lifecycle.
- Management on product development, quality and release lifecycle on quarterly.
- Product and algorithm proficiency on machine learning use cases and its (non-)regression algorithms.
- Knowledge on quantitative and qualitative risk modelling and management on speculation, arbitraging and hedging solutions.
- Customer support globally
- Customer engagement on product requirement collection, abstraction and definition on standard product.

[AnSys, Inc.](#), Shanghai, China

Full-Time Senior Software Engineer

Mar. 2010 - Mar. 2012

- Mathematic modelling on multivariable linear/nonlinear functions for chip design.
- Optimization algorithm research and development for seeking mathematic model global optimal.
- linear equation solving for computing S-Parameter.
- Application development with front-end Qt UI and back-end logic.
- Customer support for AnSys simulation software.

[Algorithm Research Group, UH Computer Science Department](#), Hatfield, Hertfordshire UK

Full-Time Research Analyst and Software Developer

Aug. 2007 - Feb. 2010

- Qinetiq airfoil CFD modelling, optimizing and simulating.
- CUTer development for testing automation of nonlinear equations.
- Newton-like algorithm research and development on optimizing line search and Newton direction.
- Nagware FORTRAN compiler library development for automatic differentiation.
- Information visualization on high volumn dataset research and development.

Education

[University of Duisburg-Essen](#), Essen, Germany

- Master of Science in Computer Science October 2004 - March 2007
 - Thesis: *Investigation of Packet Header Structures and Performance*, Network Protocol Security
 - Adviser: [Prof. Dr. ir. A.J. HAN VINCK](#)

[WuHan University](#), Wuhan, China

- Bachelor of Science in Computer Science, September 2000 - July 2004
 - Thesis: *Application of Geographic Positioning System*
 - Adviser: [Prof. Qiping Hu](#)

Refereed Publications and Patent	<p>Yang Jiang, Bruce Christianson and Uwe Naumann. Advanced Information Visualization Techniques for Flow Simulation Data, on <i>The 13th international Symposium on Flow Visualization</i>, July 2008.</p> <p>Yang Jiang, Bruce Christianson and Uwe Naumann. Adjoints for Truncated Newton Method by NAGWare Fortran Compiler, on <i>Fifth International Conference on Automatic Differentiation, Bonn, Germany</i>, Aug. 2008.</p> <p>Yang Jiang. Computing Device for Machine Learning based Risk Analysis, on <i>US Patent Office submission, on financial service risk control</i>, Feb. 2017.</p>
Awards and Certificate	<ul style="list-style-type: none"> • Excellence Entry Student Scholarshihp, Wuhan University, 2000 • Excellence Student Scholarshihp, Wuhan University, 2000 - 2004 • SAP ELI Volunteer for Eucation, 2015 • Meeting Investor's Goals, Coursera, 2016 • Machine Learning Algorithm, Coursera, 2016
Languages	<ul style="list-style-type: none"> • Mandarin: Native Speaker. • English: Fluent. • German: Good.