

Tyrone W. A. Grandison

SUMMARY OF QUALIFICATIONS

- Demonstrated ability to lead and manage several small and large teams across geographies, divisions and functional units to create significant scientific and business impact.
- Self-starter with outstanding oral and written communication skills who enjoys a natural ability to work well with others.
- Demonstrated ability to create, develop and transform solution ideas to research prototypes and usher them into product offerings.
- Skilled at working collaboratively with multiple internal and external (academic and industry) partners and clients.

EMPLOYMENT

2012-Present Proficiency Labs International Ashland, OR
Chief Executive Officer

- Oversees the strategy and direction of the company, performs feasibility analysis on potential projects and personally manages and executes on the privacy, intellectual property and expert witness efforts.

2012-2014 EqualityTV Los Angeles, CA
Chief Technology Officer

- Leads and manages all technology-related aspects of the online media platform; from user interface design and interaction to infrastructure implementation.

2003-2012 IBM Research San Jose, CA
Program Manager & Manager & Senior Software Engineer

- Developed innovative solutions, ranging from research prototype to product, in advanced analytics, privacy, security and information integration for client problems. Technologies include Hippocratic Database, Healthcare Personalization and Chronic Disease Management (HealtheAssistant), PRIVacy MANAGEMENT (PRIMA), End-to-End Data De-identification Infrastructure (EDDI), Data Forensics, Data-Centric Security and Wellness Management.
- Managed and led research and software teams (ranging in size from 10 to 40) in the development of groundbreaking solutions for targeted clients. Projects include MONitoring Global Online Opinions via Semantic Extraction (MONGOOSE), BBC Sound Index, Shipment Information Systems Services (SISS), “Single View of a Patient”, “Single View of a Disease” and Privacy-Preserving RFID Query Processing.
- Worked in and engaged with teams in business development, strategic consulting, intellectual property protection, sales & marketing, export regulations and asset commercialization.
- Crafted compliance and enforcement guidelines for HIPAA and HITECH Compliance for the IBM Research Division.

1996-2002 Imperial College (UK), U. Of Queensland (Australia), U of West Indies & U. of Technology (JM)
Researcher & Lecturer

- Lectured and tutored courses in Computer Science, namely Information Technology for Business, Introductory Computer Science, Reasoning About Programs, Artificial Intelligence, Logic, Discrete Mathematics, Computational Complexity, Declarative Programming, Architecture I, Operating Systems II, Operating Systems Concepts, Systems Programming, Compiler Design, Formal Methods of Software Engineering, Prolog, C++ and Java.
- Conducted research in Security and Trust management and Subjective Logic.

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1992-1997 Bank of Nova Scotia, DataSoft Systems, Systems Alliance (JM)

Software Engineer

- Developed code in C, C++ & Foxbase for internal corporate products, e.g. Employee Share Ownership Plan (ESOP) and internal leisure programs.
- Designed and developed technology for small-and-medium sized business clients, e.g. video rental stores, housing associations and hotels.

PROFESSIONAL CERTIFICATES

University of Bologna, Italy

Sept 2001

Foundations of Security Analysis and Design.

Brainbench, Chantilly, VA, USA

Nov 1999

Relational Database Management System Developer, Internet Security Specialist, Windows 95 Power User, MS Word Power User, Object-Oriented Developer, C Developer, C++ Programmer.

EDUCATION

IBM Academy of Education

Advanced Executive M.B.A.

July 2009

Executive M.B.A.

July 2004

Imperial College of Science, Technology and Medicine, London

Ph.D. in Computer Science

June 2003

Specialization: Security and Trust management for Internet Applications

University of the West Indies, Jamaica

M.Sc. in Computer Science

June 1998

Specialization: Software Engineering

B.Sc. (Honors) in Computer Studies

June 1997

Specialization: Computer Science, Economics, Mathematics

AWARDS

- **2012: Alumni Leadership Award** – BEYA, **Science Spectrum Trailblazer** – BEYA, **Senior Member** - HIMSS.
- **2011: Master Inventor** - IBM, **High Value Application (HVA) Patent Award** for “Systems and Methods For Managing Security and/or Privacy Settings” – IBM.
- **2010: Fellow** - The British Computer Society, **Fellow** - The Royal Society for the Encouragement of Arts, Manufactures and Commerce, **Minority in Science Trailblazer** – BEYA, **Technical Achievement Award** for “**Pioneering contributions to Secure Private Data Management**” – IEEE, **Fourth & Fifth Level Invention Plateau** – IBM.
- *1994 to 2009:* Please see <http://www.tyronegrandison.org/recognition.html>

PROFESSIONAL ACTIVITY

- Program Committee Member for at least 4 conferences each year.
- Reviewer for at least 5 journals each year.
- External (Course and PhD) Examiner for 4 universities.
- For more information. See <http://www.tyronegrandison.org/professionalactivity.html>

PATENTS

- Over 30 Patents Filed & Over 20 Patents Published.
- For more information, see <http://www.tyronegrandison.org/patents.html>

PUBLICATIONS

- Over 90 publications published in peer-reviewed conferences and journals.
- For more details, see <http://www.tyronegradison.org/publications.html>

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PRESENTATIONS

- Over 30 invited talks (since 2003). On average, 3 each year.
- For details, see <http://www.tyronegrandison.org/presentations.html>

REFERENCES

Available upon request.