Mike Jerbic

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Summary

Mike Jerbic is an expert at solving problems and leading successful programs that interface between law, technology, and markets. He has led technical, business, and legal teams in diagnosing key problems, architecting workable solutions, and leading interdisciplinary teams to accomplish results in activities including the implementation of information security programs, cyber risk analysis and management, and information governance and compliance.

Mike's experience includes information security product development engineering and management at Hewlett Packard, information security project management as a consultant at Visa, technical practice consultant director at CBIZ, independent board director service at California Hydronics, Public Safety Commissioner service for the City of Cupertino, and Lecturer at San Jose State University. He leads the continuous improvement of the profession by chairing the Open Group Security Forum and leading its Security and Risk Management Work Group and co-chairing the American Bar Association's Information Governance Working Group.

Experience

Managing Director and Owner, Risk Genesis
1/2003 - Present

Led multiple data center migration and information security projects for Visa and other clients. Was the technical contributor to the World Bank's ID Enabling Environment Assessment (IDEAA) through the MacMillan-Keck Law Firm as part of the World Bank's Identification For Development (ID4D) program. Architected and was the technical expert for the quantitative cyber risk analysis consulting practice at CBIZ.

Lecturer, San Jose State University Economics Department
8/2010 – 12/2019

Planned, developed, and executed all responsibilities in teaching undergraduate economics courses (syllabus, course design, instructional presentation, learning assessment, grading, and student coaching). Taught Principles of Macroeconomics, Principles of Microeconomics, Cost-Benefit Analysis, and Economics Writing (including risk analysis). Won a $100,000 grant to develop a cyber risk certification program that educated and certified 30 students in Open FAIR™, many of whom went on to launch careers in the field. Was recognized as the 2016 "MVP of the Department" through the David Saurman Award.

Commissioner, City of Cupertino Public Safety Commission
6/2014 – 12/2015

Appointed by the City Council to complete a partial term on the city's PSC. Independently performed a risk analysis for bicycle safety remediation to assess costs and benefits. Researched and presented likely crime and public safety implications of cannabis dispensaries within the city after their legalization.

Independent Board Director, California Hydronics Corporation
1/2012 – 12/2015

Oversaw and governed the Executive Committee of the Employee Stock Owned company Cal Hydro. Chaired the executive compensation committee and conducted performance appraisals for senior executives.

Product Development Section Manager, Hewlett Packard Company
2000-2002

Director of the E-Speak advanced web services platform core and later advanced development of the Omniback backup/recovery application.

Product Development Project Manager, Hewlett Packard Company   *1993-2000*

> Managed the HP-UX B-level and commercial UNIX operating system security project responsible for all kernel and commands security. Projects led include the implementation of the Common Data Security Architecture standard within HP-UX, PCKS 11 token support, improved code and data separation, current product engineering to prioritize and deliver security patches.

Product Development Engineer and Architect, Hewlett Packard Company   *1983-1993*

> Numerous computer-systems oriented product design architecture assignments ranging from power supplies, hard disk controllers, hard disk drives, systems performance architecture, storage architecture. Was responsible for all elements of design necessary for release to production including vendor selection, component specification, design, documentation, testing, production approval and release to production.

Education

M.A.   Economics, San Jose State University, 2009
M.S.   Electrical Engineering and Computer Science, University of California, Berkeley, 1983
B.S.   Electrical Engineering and Computer Science, University of California, Berkeley, 1982

Publications/Presentations

- *Calculating Reserves for Cyber Risk: Integrating Cyber Risk with Financial Risk,* (with Dr. Bob Mark), A White Paper Published by the Open Group   *2021*

- *Governing Cyber Risk Management in the Twenty-First Century: A Forward-Looking Strategy,* Chapter 17 of the Director's Technology Handbook, Candace M. Jones editor, American Bar Association   *2021*

- *Governance by Design Workgroup: Update and Invitation to Participate,* presented at the ABA Cyberspace Law Winter Working Meeting   *2020*

- *Analytic Reasoning and Decision Making Under Uncertainty,* guest lecturer presentation at Creighton University Law School   *2019*

- *Framing and Managing Cyber Risk,* presentation to the Society of Decision Professionals San Francisco Chapter   *2019*

- *The CFO and Cyber-Risk Management,* presented at the CFO Academy Hosted by Iron Butterfly and Finance Executives International   *2018*

- *Open FAIR™ Risk Analysis Spreadsheet Tool* (with Dr. Sam Savage, and Daniel O'Neil)   *2018*

- *Open FAIR™ Risk Analysis Process Guide* (with John Linford and Eva Kuiper)   *2018*

- *Operationalizing Cyber Risk* (with Tyanna Smith), presented to the American Bar Association Cyber Law Institute Winter Working Meeting   *2018*

- *Putting FAIR Into Action: A Cost-Benefit Analysis of Connecting Home Dialysis Machines Online to Hospitals in Norway* (with Sushmitha Kasturi and Biljana Strageland, PhD), an Open Group White Paper   *2017*

- *Innovative Collaboration at the Open Group Security Forum: Fruit from the Open Group Academic Program*   *2017*

- *An Economic Survey Analysis of the Legal Literature Pertaining to the Privacy Implications of Radio Frequency Identification Technology,* RFIDs, Near-Field Communications, and Mobile Payments: A Guide for Lawyers, edited by S. Hughes, American Bar Association   *2013*

- *"Thinking Beyond the Function: The Architect's Role in Foreseeing Unintended Consequences,"* presented at the Open Group Architecture Forum, July, 2009   *2009*

- *"Today's Imperative is Information Centric Security."* An Open Group White Paper   *2008*

- *"The Economics of Information and Information Security"* presented at The Open Group Architecture Practitioner's Conference, July 2008   *2008*

- *"Information Security Strategy: A Framework for Information-Centric Security Governance"* and Open Group White Paper   *2007*

- *The Security Rule* (with S. Wu), A Guide to HIPAA Security and the Law, edited by S. Wu., American Bar Association   *2007*

- *Framework for Control over Electronic Chattel Paper--Compliance with UCC S9-105* (with M. Hallendorff), The Business Lawyer, American Bar Association Business Law Section   *2006*

- Inventor Patent 5,422,762 "Method and Apparatus for Optimizing Disk Performance by Locating a File Directory on a Middle Track and Distributing the File Allocation Tables Close to Clusters Referenced in the Tables"   *1995*

Professional Development and Certifications

TOGAF 9 Certified	*2015*
Open FAIR Certified	*2013*
Certified Information Systems Security Professional (CISSP)	*2003*
Certified Project Management Professional (PMP)	*2003*

Affiliations/Memberships

Member and Chair, The Open Group Security Forum	*1998 - Present*
Associate Member and co-Chair of the Information Governance Workgroup, The American Bar Association	*2003 - Present*
Society of Decision Professionals	*2018 - Present*