

## Daniel A. Ford

Home: (914) 241-2461, Mobile: (914) 844-5926, Skype: daniel.ford  
Email: webdaford "at" fordcochrane.com  
US Citizen, Canadian Citizen

### Employment

---

April 2011 – Present, **Co-Founder, Paupt Labs LLC** (Start-up), New York.  
May 1994 – March 2011, **Research Staff Member, Department of Computer Science, IBM Almaden Research Center**, San Jose, CA. Research Scientist. Manager. Executive Staff.  
July 1992 – May 1994, **Visiting Scientist, Computer Science, IBM Almaden Research Center**, San Jose, CA.  
November 1991 – May 1992, **Member of Technical Staff, Bell-Northern Research (BNR)**, Ottawa, Ontario.  
January 1991 – November 1991, **Founder, Spin Software Research** (Start-up), London, Ontario.  
March 1990 – October 1990, **Director of Software Development, Algorithmics** (Start-up), Toronto, Ontario.  
January 1986 – August 1986, **Programmer, Consumer Software** (Start-up), Vancouver, British Columbia.

### Synopsis

---

Extensive experience in Corporate Operations, Intellectual Property, and Research and Development, at both the Fortune 100 Enterprise, and Start-up Venture levels.

Corporate operations experience includes legal structure and governance, as well as budgeting, accounting, personal and resource allocation. Also, extensive management experience and formal training (5+ years, Dept. Size: 22); global team management (Europe, Middle-East, Asia). HR experience and formal training including performance evaluations, team building, recruiting, retention, mentoring immigration visas, dispute resolution, etc. Also, customer and media relations experience(public presentations, sales calls, media interviews).

Intellectual Property experience includes independent patent specification authorship and prosecution, including personal USPTO credentials. Result: twenty-eight issued United States Patents. It also includes comprehensive, Enterprise-level, intellectual property protection training in patents, patent licensing, copyrights, trademarks, software licensing, and Non-Disclosure Agreements.

Research and Development experience includes pure Research activities such as creating novel, industry changing, technologies, collaborating with university researchers, participating on conference committees, applying for, and receiving, research grants, publishing papers and filing patents. Development experience is grounded in producing production-level software using the latest tools, technologies, and best practices. Experience as open source (Eclipse, MDHT) project leader and committer. In addition, R&D experience includes electronic, and mechanical, design and fabrication expertise.

**Java, C++, C, Scala, AspectJ, Python, Objective-C, JavaScript, Perl, HTML5, CSS3, jQuery, jQM, REST, JsRender, JSP, JUnit, Mockito, EMF, CDO, UML, Eclipse, OSGi, Spring, Camel, JMS, Android, iOS, Maven, Ant, Buckminster, Jenkins/Hudson, SWT, JFace, SQL, MySQL, NoSQL, MongoDB, Git, SVN, CVS, Xcode, COCOA, YAML, JSON, XML, RDF, Windows, Linux, UNIX, MacOSX, EC2, OpenStack, Vagrant, V.Box, Ansible, NT2I, etc.**

### Education

---

**Ph.D., Computer Science**, University of Waterloo, Waterloo, Ontario. 1991.  
**M.Sc., Computer Science**, University of British Columbia, Vancouver, British Columbia. 1984.  
**B.Sc. (Hons. First Class), Computer Science**, Simon Fraser University, Burnaby, British Columbia. 1983.  
**Certificate in Bioinformatics**, University of California at Santa Cruz Extension, (In progress)  
**MIT 6.002x Circuits and Electronics** (2013-2014, In progress).

### Management Training

---

IBM Manager's School. IBM Media Relations Training.  
IBM Management training "Managing a Culturally Diverse Workforce." & "Giving and receiving feedback."

### Other

---

28 US Patents in Social Networking, Mobile Computing, Location based services, Storage Systems, etc.  
23 Peer reviewed papers from 1992-2009.  
Multiple (4) book chapters.  
Project Lead & Committer: (Eclipse Technology Project: STEM), <http://www.eclipse.org/STEM/>  
Committer: Model Driven Health Tools (MDHT), <https://www.projects.openhealthtools.org/sf/projects/mdht/>