

Eric Lachenmeier

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SUMMARY

Senior design engineer and entrepreneur. Coding skills include Ruby, Rails, JavaScript, HTML, & CSS. Product design skills using SolidWorks, AutoCAD, and FEA. Other skills include financial modeling, ISO certification, and project management. Software/IT knowledge includes Adobe CS, ERP, CRM, SQL, CPM, DBs and Quick Books. Product design experience includes scientific instrumentation, optics, semiconductor processing equipment, software and services.

EXPERIENCE

Consulting: Product Development, Finance, Engineering, Strategic Planning, RoR dev, Investing

**Palo Alto, CA
2009 to present**

COMPLETE GENOMICS INC. DNA sequencing service, acquired by BGI
Vice President, Corporate Development

**Mt. View, CA
2006 to 2009**

- Developed a service-based business model based on a 2nd generation DNA sequencing technology
- Led the search for a corporate headquarters and managed the build-out and move to the new facility
- Co-authored a NIST grant proposal that resulted in winning a 5 year, \$12M federally funded grant. Hired and managed a 12 person development team.
- Negotiated and closed million dollar service contracts with major Pharma, Biotech, and Research organizations.

ALLEGRO BIOSCIENCES, Internet-based genome research, virtual laboratory and data management **San Diego, CA**
Founder **2000 to 2002**

- Developed and launched a web-based research tool to design and conduct experiments on the web
- Developed software architecture, managed software team, and recruited a network of service providers
- Led sales and marketing activities
- Led investor road shows in Europe and the US, raised seed round of financing,
- Negotiated a Series A term sheet
- Authored and filed patents

INCYTE GENOMICS, A pioneer in genetic research, now Incyte Corporation, publicly traded as INCY
Vice President, Technology Development

**Palo Alto, CA
1996 to 2000**

- Led the development of numerous laboratory robotic systems, fixtures and labor and time saving tools
- Designed and deployed two generations of DNA sequencing platforms
- Created the firm's first engineering department
- Built and led a world-class, cross-functional technology development team consisting of biologists, software and mechanical engineers, and chemists

LYNX THERAPEUTICS, Genetic mRNA expression service, merged with Solexa, acquired by Illumina **Hayward, CA**
Founding Engineer **1995 to 1996**

- Design engineer and molecular biologist, designing optical imaging systems, fluorescence detection instruments, and conducting molecular validation experiments

APPLIED BIOSYSTEMS, DNA Analysis Systems: PCR, DNA sequencing and synthesis **Foster City, CA**
Design Engineer **1988 to 1995**

- Project Leader and Inventor, ABI 310 DNA Analyzer, a system that has created revenues exceeding \$400M
- Recruited and managed a high-performance team of chemists and engineers.
- Inventions included optics, Peltier cooled CCD, separation gels, electro kinetic DNA stacking technology, and the control & analysis software
- Oversaw the overall instrument design including software and hardware details and documentation

Inventor ABI 377 DNA Sequencer

Inventor of a major DNA analysis platform used to sequence the Human Genome (Patent 5,543,026 August 1996).
Generated revenues in excess of \$400 million

BECKMAN INSTRUMENTS **Palo Alto, CA**
Design Engineer: Biomek 1000 - laboratory robotics & liquid handling **1986 to 1988**

HEWLETT PACKARD **Palo Alto, CA**
Production Engineer: Microwave production engineer, process improvement engineer (SQC, JIT) **1984 to 1986**

EDUCATION

THE WHARTON SCHOOL, UNIVERSITY OF PENNSYLVANIA **Philadelphia, PA**
Master of Business Administration, Finance Major **2004**

MASSACHUSETTS INSTITUTE OF TECHNOLOGY **Cambridge, MA**
Bachelor of Science, Mechanical Engineering **1984**

PROFESSIONAL RECOGNITIONS and INTERESTS

- Volunteer for the CASA foster child program 2012
- Session chairman and frequent participant at biotechnology and investment conferences
- Stanford University Office of Technology Licensing, 2001: Out-licensing Advisor for University gene portfolio
- Human Genome research grant reviewer, 1998, U.S. Department of Energy, Washington DC
- Multiple patents in the areas of DNA analysis and engineered devices
- Designed and built 2 custom houses: architect, general contractor, electrician, and plumber