Eric Nehrlich

444 West 35th St. Apt. 11E, New York, NY 10001
510-282-7604
nehrlich@alum.mit.edu

Education

May 2008: M.S. in Technology Management at **Columbia University**.
>My master's project, developing and presenting a business plan for a requirements software venture, was supervised by Jon Williams, now CTO of iVillage.

June 1998: M.S. in Physics at **Stanford University**.

May 1994: B.S. in Physics at **MIT**. Completed core classes in EE/CS.

Professional Experience

March 2006-present: Member of Technical Staff at **Fog Creek Software** (New York, NY), as part of a Software Management Training Program, which involved participation in all aspects of this startup.

- Program Manager for FogBugz, the company's main product, responsible for the specification of upcoming releases.
- Managed the FogBugz 6 release, scoping and prioritizing customer feature requests and bug fixes, and testing changes throughout beta testing. The release was successfully delivered in time for the already scheduled product launch tour.
- Managed the customer service department through a period of rapid growth where the volume of customer emails and phone calls tripled, while interviewing and mentoring new employees to help handle that growth.

May 2005-February 2006: Associate Director, Technical Solutions at **Applied Strategies Technology** (San Mateo, CA), developing custom decision analysis software for biotechnology and public health clients.

- Designed and implemented user interfaces for two major clients, including the World Bank, giving them insight into the underlying decision analysis models used to forecast market demand. The World Bank project convinced government donors to raise $1.5B for pneumococcal vaccines after seeing the projected results based on our model.
- Managed a client software upgrade project, gathering requirements from the customer, setting the scope and estimating the resources necessary to complete the project in the time allotted.

May 2003-May 2005: Instrument Scientist at **MDS Sciex** (South San Francisco, CA) developing the CellKey™ system from a research prototype into an award-winning bioimpedance-based cellular assay instrument for drug discovery. This project was continued after Signature's bankruptcy when MDS Sciex hired a team of 12 Signature scientists and engineers.

- Led project to understand the data collected from this novel instrument technology. As the team's software engineer, I developed acquisition and analysis software in C# and Matlab to convert that data into user-valued information
- Managed communications between potential users, researchers, marketers, and the production software group.
- One of four people that represented the team when the CellKey™ system was given the "Polypops Foundation Award for the Best Innovation for Microplate Design or Application" at the Society of Biomolecular Sciences 2008 conference.

November 2000-April 2003: Software Engineer II at **Signature BioScience** (San Francisco, CA)

- Delivered useful software so consistently that one scientist said "Eric can just read my mind and give me what I want!" while balancing company priorities with the needs of each research team to avoid becoming a bottleneck.
- Developed all prototype software to acquire and analyze proof-of-concept data for the CellKey™ project. This data was compelling enough to convince MDS Sciex to purchase the technology after Signature's bankruptcy.

July 1998-October 2000: Software Engineer at **San Francisco Industrial Software** (San Francisco, CA), developing applications for clients including those listed below, with responsibilities from hardware testing to user interface design.

- **BD Biosciences** - Lead software engineer on a six person team developing a digital flow cytometer. Developed an award-winning prototype with National Instruments hardware, then led effort to create a version for production that cost less than existing cytometers but outperformed them significantly. The production version was demonstrated to customers before a competing internal team of more than 50 people had finished schematics for their version.
- **Revivant** – Developed a software prototype that enabled clinical trials for a biomedical life-critical application.

Languages used: C#, Matlab, LabVIEW, C++, C, Fortran

Extra-vocational activities

- Sang for six years in the San Francisco Symphony Chorus, with whom I performed at Carnegie Hall and in an Emmy award winning production of Sweeney Todd.
- Write about a variety of topics at http://unrepentantgeneralist.com, including material I later published as an article titled "The Principles of Charm" in issue 3 of Ambidextrous Magazine, Stanford University's Journal of Design.