

Ryan Goldstein

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Education

- University of Pennsylvania** School of Engineering and Applied Science *Philadelphia, PA*
- **Degree:** Bachelor of Science in Engineering (BSE), May 2009.
 - **Areas of Study:** Major: Bioengineering; Minors: Nanotechnology, Biophysics, Engineering Entrepreneurship.
 - **Activities:** Wharton Venture Initiation Program, Weiss Tech House, Kairos Society.
 - **Senior Design Project:** "Design of a Bilayer Chamber for Detection and Analysis of Nanoscissor-Induced Photopores"

Work Experience

- Moberg Research** R&D Engineer May 2010 – Present *Ambler, PA*
- Work in multiple engineering and research capacities to support projects both in-house and for external contractors, including large corporations and federal government and military agencies (primarily the Department of Defense).
 - Specialize in medical informatics, helping to develop and implement standards and technology for bedside decision support.
- ChronoWake** President/CEO May 2008 – Present *Philadelphia, PA*
- Founded this company and assembled a full team to develop and market a product that utilizes advanced physiological signal analysis and processing to wake the user at an ideal time, within preference metrics, to minimize grogginess in the morning.
 - Received numerous awards and honors, including the \$10,000 Wharton Venture Award.
 - Lead the ChronoWake Team, contributing to product design, marketing, finance, and engineering.
- Pulsar Informatics** Research Associate May 2008 – Dec 2009 *Philadelphia, PA*
- Held various positions, including NASA compliance analyst, electrical engineer, data analyst, grant proposal writer, market researcher, quality assurance engineer, and director of software testing.
 - Heavily involved in numerous projects contracted by Fortune 500 corporations and federal government agencies.
- BioNanomatrix** Research Assistant Nov 2007 – Feb 2008 *Philadelphia, PA*
- Assisted in research, engineering, and analysis of nanochannels and associated technology.
- Eye Star Vision Center** Summer Assistant/Researcher Jun 2006 – Aug 2007 *Bryn Mawr, PA*
- Conducted research projects, including investigating the relationship between mean arterial pressure and intraocular pressure.
 - Performed administrative and medical assistant duties, directly interacting with patients.

Selected Awards and Honors

Kairos Fellow (2008-2011); DVIN Life Science Fellowship Recipient (2009); Innovation Fund Award Winner (2009); Wharton Venture Award Winner (2009); PennVention Finalist (2009); Weiss Tech House Innovation Fund Recipient (2009); Wharton Entrepreneurship Conference Expo Invited Participant (2009); Wharton Venture Initiation Program (2008-2010); National Technology Achievement Award (2003-2005); Lemelson-MIT InvenTeams Grant Winner (2004).

Skills and Interests

- **Computer:** Network Security, Unix/Linux, MATLAB, Google App Engine, Java, HTML, JavaScript, PHP, AJAX, CSS, Google Apps
- **Other:** Algorithmic/High-Frequency Trading on Prodigio RTS, NAUI Certified SCUBA Diver, Valley Forge Aviation Certified Pilot