

EVAN MORIKAWA

Entrepreneur | Designer | Engineer

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EDUCATION AND SKILLS

Franklin W. Olin College of Engineering Needham, MA 2006 - 2011

- 3.65 Cumulative GPA
- B.S. in Engineering w/ Design emphasis. Coursework in user oriented collaborative design; new venture creation; sustainable design; product design & dev; independent design study; computational theory; software systems; robotics; AI

Entrepreneurial Sabbatical: Alight Learning Inc Waltham, MA 2008 - 2009

- Year-long leave to found & manage Alight Learning Inc, manage Olin's entrepreneurship org, build multi-touch table

Highly Proficient With: Agile/SCRUM, PHP, HTML/CSS, JS/AJAX, Java, Python, C, Photoshop, InDesign, MS Office

WORK EXPERIENCE

Alight Learning Inc. (www.AlightLearning.com) Waltham, MA 2008 - 2009

- Co-Founder & CEO of Alight Learning: Collaborative online real-time learning & sharing environment for K-12 schools
- Product Manager for 6 full-time developers during summer & school year; rigorous Agile development & SCRUM
- Extensive user studies, & collaborative design w/ teachers, students, & principals during entrepreneurial sabbatical

Kiva Systems: Robotic Material Handling Solutions Woburn, MA 2008

- Developed Kivo: A Java/Swing GUI application for recording, playback, & diagnosing Kiva-enabled distribution centers
- The completed application [improves development & debug time](#) and is actively being used by Kiva employees and clients

Initiative in Innovative Computing at Harvard Cambridge, MA 2007

- Designed and created a Python/XML powered GUI application for analyzing and manipulating time series data from indiscriminant astronomical surveys. Used for detecting extra-solar planets & new planetoids or asteroids
- Presented workflow application at the [Astronomical Data Analysis Software and Systems conference](#) in London, England

Vision Robotics Corporation San Diego, CA 2006 - 2007

- Developed and diagnosed C-based kinematics software for a six-axis reticulating arm of an autonomous, vision-guided agricultural harvester of oranges, apples, and grapes
- Designed and developed [www.visionrobotics.com](#) on a customized flexible and scalable PHP/SQL powered backend

Visualization Center at Scripps Institution of Oceanography San Diego, CA 2004 - 2005

- Utilized experimental supercomputers to generate 3-D visualizations and animations of large scientific GIS (Geographic Information Systems) data sets for international clients

NOTABLE PROJECTS & LEADERSHIP

The Foundry: Management of Entrepreneurship Program at Olin 2007-2009

- Manage Olin's entrepreneurship program & grown participation twofold to 15% of the school
- Setup, organized, and run Startup Incubator Program, prominent speaker series, & cross-school collaborative events

IVAN: Integrated Visual Alarm Network for Firefighters 2008

- Designed a novel visual fire station alarm with a team of 4 that improves response time based on a deep ethnographic understanding of firefighters. Personal contributions most significant w/ user stories, interface, product, & graphic design

ACHIEVEMENTS AND AWARDS

- Received **Eagle Scout Rank with Gold Palm**. Led the design and construction of a multisensory tactile and audio directory of the Braille Institute of San Diego for visually impaired students 2004
- Awarded Sea World's **Environmental Excellence Award \$10,000** grand prize for a published, commercially available 247 page field guide of San Diego Bay. Primary editor, designer, and co-author 2006
- Developed and patented a functional fully automatic toy foam-dart gun: **US Patent No.: 10/845,050** 2003

ALIGHT LEARNING INC

Online K-12 real-time collaborative Learning environment



Agile Software development & SCRUM



WEB DEVELOPMENT

Dynamic web 2.0 design & development



KIVO

Java app for recording and diagnosing Kiva-enabled distribution centers



FIREFIGHTER PRODUCT DESIGN

User oriented design of a new visual alarm network

