

Kurt Stiehl

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OBJECTIVE

To develop and bring to market ground-breaking technologies that change the way people live.

EDUCATION

❖ **Massachusetts Institute of Technology** *Cambridge, MA* 2003-2007

Bachelor of Science in Mechanical Engineering

GPA: 4.9/5.0

Coursework:

Materials and Structures I & II, Thermodynamics and Fluids I & II, Heat and Mass Transfer I & II, Compressible Fluids, Modeling Dynamics and Control I & II, Fundamentals of Design I & II

EXPERIENCE

❖ **Apple Inc.**

Product Design Manager 2012-Current

- Lead a team of over six engineers and two interns in iOS Accessories group
- Worked with marketing and CX team to develop roadmap and cost basis for new products
- Provide justification and feature definition to kickstart new programs
- Develop systems to encourage highest quality design while continuing role as individual designer

Product Designer Summer 2005 & 2006, 2007-current

- Developed products in a variety of categories including headphones, cables, power adapters
- Fluent in full design process including CAD, Design for Manufacturing, SPC, FEA, Thermals
- Familiar with many major process including molding, CNC, stamping, PVD, painting, forming
- Used latest failure analysis techniques including SEM, FTIR, CT, GC/MS, Sectioning, Microscopy
- Experienced in large cross-functional team environment the use of cutting edge technologies

❖ **Dewey Lab at MIT** 2005-2007

Researcher

- Developed OWLdb, a tool to integrate the Semantic Web and relational database technologies
- Presented at the 2007 Biomedical Engineering Society annual meeting

❖ **MIT ROV Team - Underwater Robotics** 2004-2007

President and Lead Design Engineer

- Developed topside software platform kROV to drive underwater robots with a customizable interface
- Re-designed contra-rotating thrusters to provide uni-directional thrust at optimum efficiency

ACHIEVEMENTS

- ❖ Inventor on four patents: 20090122510, 20090103764, 20090103760, 20090101433
- ❖ Tau Beta Pi – Engineering Honor Society – Inducted Winter 2006
- ❖ Pi Tau Sigma – Mechanical Engineering Honor Society – Inducted Fall 2005
- ❖ Innovator of the Future – Material Handling Management – November 2003
- ❖ Eagle Scout – Winter 2003

ACTIVITIES

- ❖ Mountain Climbing, Running, Playing Vibraphone, and Baking