

Sample Software Entrepreneur

Summary of Qualifications

As an engineer with strong product development background, that includes developing my own start-up, I perform market research analysis in the semiconductor and electronics industries. My ability to derive meaningful insights from qualitative and quantitative data demonstrates creative thinking. I leverage an entrepreneurial mindset with a highly collaborative work ethic. With multinational citizenships (US, EU, Israel), I have global employment experience and am bi-lingual (English, Hebrew).

Notable Achievements

- Founded software start-up to conduct market research on semiconductor business
- Decreased engineering costs and improved time-to-market for clients through development of proprietary design for printed circuit boards
- Leveraged strategic alliance partnerships with semiconductor companies to develop new business opportunities
- Developed and tested advanced intelligence systems in collaboration with Israel Defense Forces contractors and R&D units
- Represented Israel at first World Robotics Competition while in high school

Professional Experience

Swift EDA, Cambridge, MA and London, UK 2013 - 2015
Founder

- Performed equity and market research to analyze semiconductor businesses
- Developed insights based on financial metrics to strategize new business opportunities
- Leveraged industry relationships to create new marketing communication approaches

Analog Devices- Lyric Labs, Cambridge, MA 2011 – 2013
Product Engineer

- Won key client business through development of breakthrough hardware and software technology
- Increased engineering productivity

Radiation Monitoring Devices, Watertown, MA 2010 - 2011
Engineering Co-op

- Designed mechanical components for optics and fluidics experiments
- Authored control software for an automated non-destructive-testing system for airplane engines

MIT Media Lab, Cambridge, MA 2007 - 2008
Undergraduate Research Assistant,

- Assisted researchers with development of vision system for a search and rescue robot

University of Pennsylvania, Philadelphia, PA
SAAST Summer Program,

2006

- Training in 3D modeling and animation

Technical Skills

Software: C++, Python, MATLAB, Web (JavaScript, HTML5)

Firmware/embedded SW: C, ASM. Experience with ARM, PIC, AVR, DSP (Blackfin) architectures

Hardware design: PCB design with Allegro, Altium, Eagle. Apple MFi. Knowledge of PCB fabrication and assembly processes

Mechanical design: MCAD (Solidworks, Alibre), CNC machining

Education

Northeastern University, Boston, MA
B.A. – Electrical Engineering

2012