

# Avram Kaufman

Product Design Engineer / Technology Project Manager

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- *Full-stack hardware technologist with excellent communication skills.*
- *Manager of cross-functional design and engineering teams to lead complex product development from concept to production.*

## Professional Experience

### Bloomberg LP - New York

Senior Product Design Engineer / Technology Project Manager - Jan 2008 - Present

Technical leadership and full lifecycle project management lead for [Bloomberg's hardware product suite](#), which includes LCD Monitors, Keyboards and Portable Biometric Devices.

**Concept** - Develop product requirements and collaborate with industrial design, UX, and engineering teams to define form factor and technology options.

**Design and Engineering** - Manage engineering efforts across ID, ME, EE, SW and UX disciplines. Review and approve CAD models, mechanical drawings, electrical schematics and PCB layouts. Evaluate tradeoffs and make critical design decisions. Produce prototypes for Design Verification/Validation and stakeholder review.

**NPI** - Oversee contract manufacturing partners and suppliers to ensure execution and alignment between development and production. Establish timelines and track progress towards project milestones. Report status updates detailing progress, issues/concerns and solutions to stakeholders.

**MP and Support** - Transition ownership of product to supply chain and quality teams. Assist when required to troubleshoot engineering or manufacturing issues.

Product Design Engineer - Jan 2005 - Dec 2007

Firmware Developer - Jul 2001 - Dec 2004

## Education

### Polytechnic Institute (Now NYU Tandon School of Engineering) - M.S. Computer Science

Sep 1999 - Jun 2001

### SUNY Plattsburgh - B.A. Fine Arts

Sep 1994 - Jun 1998

### Continuing Education Coursework

NYU Polytechnic - Design for Manufacturing - Spring 2012

UMass Lowell - Plastics Engineering Seminar - Fall 2006

Fashion Institute of Technology - Toy Design - Fall 2005

Pratt Institute - Industrial Design - Spring 2004

## Projects

### [ActionToday.org](#) - Political Postcards

Jan - Jun 2017

Launched website for users to design and author custom postcards to send to their representatives in the federal government, on topics such as the environment, immigration, healthcare and government ethics.

### Product Strategy and Ideation Consulting - Sylvain Labs

Jan 2015 - Nov 2016

Ideation for new product ideas or product use cases for product strategy consultancy, Sylvain Labs.

### [GiveSimply.org](#) - Charitable Giving Made Easy

Nov 2014 - Dec 2015

Developed mobile charitable giving concept through Founder's Institute bootcamp. The app provides tools to assemble a portfolio of charities and automate donations.

### [Evolvems](#) - Transforming Evolution Science Plush Toys

Sep 2007 - Dec 2010

Designed and manufactured a line of evolution science based plush toys. Distributed toys through websites such as Thinkgeek.com and museums including the American Museum of Natural History.

## Highlights

[Named Inventor on 17 Design Patents](#)

[Cooper-Hewitt, National Design Museum, New York, DESIGN USA, 2009/10](#) - Bloomberg Terminal (Dual-Screen Monitor and Bloomberg Keyboard)

[Museum of Modern Art, New York, SAFE: Design Takes On Risk, 2005](#) - Bloomberg B-Unit