

Adam Mark

<http://adammark.net>

UI Architecture, Engineering and Design

WORK EXPERIENCE

6 River Systems (Shopify) **Waltham, Mass.**

6/2020 – present

Principal Software Engineer

Developed web applications and APIs for a fulfillment management system (warehouse logistics) using TypeScript, React and GraphQL; developed real-time dashboards for monitoring the movement of robots and the flow of goods throughout a warehouse; implemented internationalization (i18n) to support customers in multiple locales; mentored junior developers and enforced coding standards.

MC10 **Lexington, Mass.**

6/2015 – 6/2020

User Interface Engineer

Developed client-side JavaScript framework for BioStamp nPoint, a system for measuring human physiological data related to motor activity, cardiac activity, respiration and sleep (Class II FDA 510(k) cleared); selected and integrated best-of-breed UI technologies, including React and D3; developed visualization tools for exploring large, longitudinal data sets; developed JavaScript APIs for communicating with Bluetooth-enabled biometric sensors; developed user experience and visual themes for web browser and mobile applications; wrote extensive developer documentation; enforced design and usability standards.

Curriculum Associates **Billerica, Mass.**

4/2014 – 6/2015

User Experience (UX) Architect

Developed client-side JavaScript framework and UX patterns for a suite of instructional and diagnostic applications in K-12 education.

Brightcove **Boston, Mass.**

5/2011 – 4/2014

User Interface Engineer

Developed client-side JavaScript framework for a leading, white-label video publishing platform.

Developer Evangelist

Promoted hybrid-native app development for Brightcove App Cloud through speaking engagements, developer training sessions, video tutorials, code samples, and blogging; helped nurture a community of App Cloud developers, both in person and online; traveled extensively to support sales and marketing efforts.

**Home Front Communications
Washington, D.C.**

12/2009 – 5/2011

Technical Director

Managed a team of developers in the interactive division of a full-service communications firm with a focus on non-profit organizations and government agencies; oversaw production and maintenance of more than 40 web sites; helped draft budgets, select vendors and write proposals.

**Netuitive (now Metricly)
Reston, Va.**

2/2004 – 12/2009

User Interface Developer

Designed and developed the user experience for a suite of enterprise monitoring/business service management (BSM) applications; developed visualization tools for exploring network activity and performing root cause analysis; enforced design and usability standards; provided general marketing support.

**Hillcrest Labs
Rockville, Md.**

3/2006 – 12/2006

User Interface Software Engineer

Developed a library of reusable interface components for HomeTV, a pointer-based media navigation and playback system.

**Brivo Systems
Arlington, Va.**

4/2000 – 2/2004

User Interface Designer

Designed and developed the user experience for Brivo ACS, the first web-based facility access control system; created documentation and training materials; provided general marketing support.

**Knight-Ridder/Tribune
Washington, D.C.**

11/1997 – 4/2000

Multimedia Designer

Designed and developed interactive web packages for distribution to news web sites.

Page Designer

Designed broadsheet news pages for nationwide syndication.

EDUCATION

**University of Pennsylvania
Philadelphia, Pa.**

1993-1997

Bachelor of Arts

Communications and Political Science (double major)

REFERENCES

Multiple references available upon request