Michael D. Baldwin

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# PROFESSIONAL SKILLS

* Languages and Architectural Patterns: Java, C#, MVC/MVVM, RESTful web services, HTML5, CSS3, Bootstrap, SASS, JQuery
* Tools and Technologies: Eclipse, Visual Studio, Git, WPF/WinForms, JIRA, Jenkins, FitNesse, JUnit, Spring, Maven, Tomcat, Eclipse RCP, Balsamiq

# PROFESSIONAL EXPERIENCE

STARTUP INSTITUTE Boston, MA

**Web Design Track Student** Jun 2016 – Present

*The Startup Institute is an intensive eight-week immersive program with a highly competitive admissions process that focuses on fostering startup-savvy intelligence. Through practitioner-led instruction and a hands-on curriculum, students participate in cultural education and coursework relevant to the fast-paced tech industry, and work on-site in local high-growth companies to solve their real problems. The Web Design Track focuses on the skills needed to understand user experience design and front-end web development.*

INTERWARE DEVELOPMENT Mont Vernon, NH

**Freelance Web Developer** Apr 2016 – Jun 2016

*Interware Development is a small software company that provides payment processing solutions for government and academia. They requested a redesign of their company website to attract new customers with a modernized look and mobile-optimized experience. Highlights of my implementation include:*

* Created responsive layouts with the Bootstrap framework to allow for viewing across screen sizes
* Created contact forms with input validation that generate emails for managing new customer leads
* Created wireframes in Balsamiq to review the proposed layouts prior to implementation

FIDELITY INVESTMENTS Boston, MA

**Senior Software Engineer** Oct 2006 – Apr 2016

*Fidelity Investments is a world leader in financial and retirement services, managing over $2 trillion in client assets. As an engineer in the fast-paced Equity Trading division, I focused on the UI layer of high-performance Windows applications (Eclipse RCP / WPF) used by traders to execute orders in the stock market. I also contributed middle-tier enhancements (REST / Tomcat / Spring). Highlights include:*

* Engineered significant features for a brand-new front-end UI to the trading system
  + Built UI components that allowed traders to submit search queries for orders in the system, with results continuously updating in real-time
  + Built a UI component that displayed and updated the status of each action the trader performed that required a longer task to run in the background
  + Built a UI component that allowed traders to change attributes of an order and preview the calculated results of their update inline before submitting
  + Delivering the new front-end allowed for the retirement of several legacy applications, decreasing overall support costs
* Continuously delivered solutions to ever-changing business priorities across the entire application suite using Agile/Scrum (2-week sprints / 6-week average release cycles)
  + Rebuilt a component for filtering broker destinations to be presented with a dynamic UI layout of configuration-based options rather than a predefined static layout
  + Integrated compliance checking into the process used for several types of order update operations that traders perform. Included refactoring the design to allow for more flexibility by specifying the steps of each operation as independent reusable functions.
  + Built RESTful web services for retrieving and updating audit and price data from UIs

# SIDE PROJECTS

WEDDING WEBSITE & REGISTRY TEMPLATE Mar – May 2015

***Template for wedding event content plus RSVP form and Honeymoon Registry***

* Built and deployed 100% independently using:AngularJS, HTML5, CSS3, Bootstrap, Jasmine, Protractor, Underscore, Gulp, Bower, npm, Spring, Hibernate, MySQL, Webstorm, Git, Linode
* Used by guests for my own wedding
* Published to GitHub: [Front-end](https://github.com/mdb255/wedding-ui), [Back-end](https://github.com/mdb255/wedding)

MAPAROUND.COM Jun 2015 – Apr 2016

***Search Engine for local events***

* Built UI features for filtering and displaying event search results (used AngularJS, JQuery, HTML5, CSS3, Bootstrap, Google Maps API, Visual Studio, TFS)
* Mentored interns, including code reviews of their work with detailed feedback, and suggestions for professional development

SOCIAL COORDINATION APP Sept 2013 – Jan 2015

***Web and Native iOS app for cooperatively planning social events***

* Built 100% independently using:AngularJS, Objective C, HTML5, CSS3, Bootstrap, Underscore, ASP.NET Web API, Entity Framework, SQL Server, Visual Studio, XCode, Git
* Features user accounts with screens for proposing social activities along with place / time / invitations, managing contacts, viewing responses, and receiving push notifications

# EDUCATION

UNIVERSITY OF MASSACUSETTS Amherst, MA

**Bachelor of Science in Computer Science, May 2004** 2000 – 2004