

Michael B. Baker

UI Engineer • Chapman University

phone: (949) 891-1792

email: michael@mibake.co

website: <https://mibake.space>

Location: San Francisco Bay Peninsula

Tech Stacks:

- JavaScript, CSS, HTML5, SVG animations, desktop and mobile web
- Linux, Apache, MySQL, PHP
- Elasticsearch, Logstash, Kibana

Some Experience with:

React, Angular2, Vue, D3, Highcharts, Three.js, Node.JS, Sass, Salesforce, Maya

Design Software:

Photoshop, Illustrator, Sketch App, Adobe Experience Design, Balsamiq

Frameworks:

Foundation, Bootstrap, Lightning Design System, Pure.css, Vue.js

Top Skills:

UI Engineering, UX Design, Real-time Data Visualization, 3D Animation, Programming

Education:

- **Chapman University**, Computer Science & Scientific Visualization, 2005–2007
- **Gnomon School of Visual Effects**, 3D Modeling with Maya, 2004
- **Syracuse University**, Computer Science studies, 2001–2003
- **University Central London**, Flash and Website Design, Summer 2000

Experience:

Web Developer

Revolution Coding Team, Inc.

August 2010 – Present

Mountain View & Remote

- Created wireframes for internal enterprise apps for Walmart Labs using Adobe Illustrator.
- Developed an interactive customizable Valentines Day Card app for a massively multiplayer online role-playing game (City of Heroes) using PHP, jQuery, and ImageMagick.
- Cofounded a consulting group of 5 core team members with another 8 extended team members.
- Worked as Lead Developer for a consulting team that did 100% of the web development for multiple

creative agencies and startups.

- Worked as Lead Developer on a web scraping and data analysis web application (called SpyderFix), used for marketing agencies to assess the digital presence of a company compared to the company's competitors, using PHP for the scraping/analysis logic and CSS, JavaScript, HTML for the results dashboards.
- Executed creative business development tactics by promoting our niche business service of landing-page development with Psd2rwd.com and Sketch2rwd.com. After receiving the landing page code, the customers would become reoccurring web development clients.
- Built and launched landing pages based on high fidelity mockups for startups (such as Bluescape and Crowdly), action movie premiers (After Dark Action movies), and creative agency clients.
- Developed and tested HTML emailer (for Chase Bank) to be sent to thousands of recipients.
- Tested and maintained the security of several WordPress sites.

UI Engineer

Cisco

June 2014 – October 2014

Mountain View, San Francisco, & Remote

- Engineered the user interface for a real-time security alerts dashboard and ticketing system (called OpenSOC) using the E.L.K. stack (Elasticsearch, Logstash, Kibana) and JavaScript.
- Created a Packet Capture (PCAP) module to analyze captured network traffic code in hexadecimal code and descriptive segments of each captured packet using JavaScript and Logstash.
- Gave presentations for weekly SCRUM sprint/milestone completion demos and quarterly presentations to Cisco executives with WebEx conference call and screen share software.

Front-end Developer

AdBlock

June 2013 – October 2013

Mountain View & Remote

- Developed animated slideshow and demo for the new homepage with CSS3 animations.
- A/B tested the donations section with an alternative style and copywriting, to study and optimize donation amounts, using Google Experiments.
- Designed and developed new company responsive website using jQuery, CSS3, and HTML5.

Front-end Developer

Disconnect

March 2013 – April 2013

Palo Alto

- Developed interactive instructional animations with jQuery, JavaScript, CSS3, and HTML5.
- Developed new company responsive website using vanilla JavaScript, CSS3, and HTML5.

Web Developer

HEILBrice

Irvine

2010

- Developed and launched celebrity website (for Lauren Conrad) with HTML, CSS, JavaScript, PHP, MySQL, and Joomla!
- Maintained websites (such as LaurenConrad.com, HeilBrice.com, DiscoverLosAngeles.com) using the Linux, Apache, MySQL, PHP stack with WordPress, Joomla!, and Alfresco CMSs.
- Created animated flash banner ads with minimized file sizes using Photoshop and ActionsScript.

Web Developer

Young Company

Laguna Beach

2009

- Developed websites with animated flash introductions HTML, CSS, and ActionScript.
- Maintained e-commerce store with thousands of products with PHP and MySQL.

Web Developer

White Barn Group

San Juan Capistrano

2008

- Created an interactive donor's wall (for African Child Foundation) with dynamic content using ActionsScript and XML.
- Developed pixel-perfect website (for Shea Therapeutic Riding Center) based on Photoshop design using HTML, CSS, JavaScript, and PHP.
- Developed the front-end code for "It Happens at IHOP" contest and contest results pages (for IHOP) based on Photoshop design. The winner won free pancakes for life.

Osun Solutions

Web Developer

2007 – 2008

- Developed Flash websites with video, music, and animated introductions for bands, actors, and creative agencies with ActionsScript.
- Designed the brand-identity for new companies, including their company name, logo, business colors, and business cards.

Web Developer and Designer

Select University Technologies, Inc.

2005 – 2006

- Designed logos for newly adopted technology products with Photoshop and Illustrator.
- Designed, developed and maintained the company website.

More

More Skills:

- Object oriented programming & design
- Cryptocurrency & blockchain technology
- Bitcoin, Ethereum, Monero
- Logistics software
- Linux
- Git
- Marketing & PR
- cPanel services
- SSH-2 encryption
- 3D-2D visualizations
- Education software
- Payment processing

Wanting to be engaged with and to learn more about:

- Application Security
- Cryptography
- Smart Contracts
- Big Data computations
- Server-side programming

Mostly, I'm looking to work as a full-time employee on a project that leads to massive growth, with a team I'm proud to work with, somewhere between Mountain View and San Francisco.

I've worked as a consultant since I moved to Silicon Valley 6 years ago. About 7 months ago I moved from Mountain View to San Mateo.

I'm a UI Engineer with a strong focus on data-driven interfaces.

I've created UX designs for internal enterprise apps for Walmart Labs, I helped code the UI for a security threats alerts dashboard web app for Cisco, and I've developed websites for companies to communicate how their products create value for the user. I like to code and optimize user interactions.

I've been a cryptocurrency investor/trader since 2014 and I've experimented with some cryptocurrency price APIs. I would like to start working with smart-contract APIs.

I specialize in JavaScript and Data Visualization. I have a background in Computer Science and Marketing. I studied Computer Science and Data Visualization at university and I worked as the in-house developer at advertising/PR agencies in Orange County. My experience in Southern California and in Syracuse, NY, has been fundamental in my role as a UX designer on projects that I have worked on here in Silicon Valley.

I am seeking a UI Engineer position at a blockchain company or a company creating a high volume of Data/Security Visualizations.