

BUCK MELTON

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Portfolio: abuckslife.com

>SUMMARY

- **Full-stack software engineer** with front-end proclivities, a long track record of shipping successful products, and **two Computer Science degrees** in my back pocket.
 - First career incarnation as a full-stack Java engineer (9 years); second career incarnation as Technical Co-Founder and Man of Every Hat (8 years) for a successfully-sold all-in-one web-based solution for running healthcare practices.
 - Transitioned in the last year from Java to **Ruby on Rails** and **React**. **Seeking mid- (or entry-) level positions** where I can grow my skills in these or similar technologies, and where the team can leverage my deep background and blazing fast learning curve to contribute to the company's mission in a life-affirming and life-enhancing field such as education, travel, or science.
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>TECHNICAL SKILLS

- **Proficient:** Ruby, Rails, SQL, MySQL, JavaScript, jQuery, React Native, Java, JSP, RSpec, HTML5, CSS3, JSON, AJAX, Sass, Handlebars, Linux, UNIX, Git
 - **Exposure:** Heroku, ES6, Capybara, Factory_Girl, C++, C, PHP
 - **Human Languages:** English, Portuguese, German, French, Dutch, Hawaiian, Papiamentu
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>EDUCATION

M.S. Computer Science, *Stanford University*

M.A. Geographic Information Systems, *San Francisco State University*

B.S. Computer Science, *Stanford University*

>PROFESSIONAL EXPERIENCE

Technical Founder + Software Engineer | Argonaut Software | San Francisco, CA 2007 - 2016

- Developed first web-based, all-in-one office management software suite for mental health care practices, growing revenue to \$4M annually with over 50,000 active customers.
- Constructed corporate web platform which brought in over 1,300 therapists to earn \$52,000,000 in revenue and schedule 800,000+ therapy appointments with 48,000 clients using JavaScript, HTML5 and CSS3.
- Designed templating of online system with HTML5 and CSS3, improving conversions and organic search leads.
- Architected MySQL database with 100+ tables, improved performance of querying by 52% with indexing.
- Surpassed gold-standard availability of 99.999% server uptime with RAID configuration and redundancy.

Software Engineer | Shutterfly | Emeryville, CA 2003 - 2006

- Led team of 4 software engineers on short-deadline project to construct management capabilities using Java which successfully saved ~520 hours of developer time and ~520 hours of marketing time annually.
- Engineered admin portal for web platform with custom page tags, content caching and streaming, and server cluster with Java to improve efficiency and profitability of marketing of seasonal products.
- Created SQL database schema to handle data access, persistence, session and presentation layers.

Software Engineer | Medchannel | Emeryville, CA 2000 - 2003

- Built multiple Java-based n-tier web applications offering calendaring, contract negotiation, and adaptive supply-chain management solutions.
- Incorporated Java back-end business objects with front-end static HTML by designing and developing a dynamic Presentation Layer using JSP (JavaServer Pages).

>RECENT PROJECTS

Software Engineer | **Puppy Playdate** | [code](#)

2016

Community-based network of dog owners to locate and build play groups to provide a healthy dog-friendly environment.

- Reduced front-end codebase by ~25% following React Native best practices and using ES6 classes to modularize the views into reusable components.
- Supported interactions between dogs and owners by constructing Ruby on Rails migrations and associations.
- Integrated Google Maps API into Ruby on Rails backend to display geolocation of user with clickable puppy-shaped map pins showing existing Playdate locations.

Software Engineer | **cyberMarket** | [code](#)

2016

E-commerce service for thrifty shoppers to quickly surf through the best online deals and blast them into their cart.

- Properly divided role related privileges by building separate Admin and Customer interfaces using Rails.
- Ensured responsive UI/UX design across 5+ browsers using JavaScript, HTML5 and CSS3 media queries.

>VOLUNTEER

Rio 2016 Olympics, *Olympic Park Transport Coordinator*

2016