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| BUCK **MELTON** | San Francisco, CA  415.516.0992  buckm@alumni.stanford.edu |

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| **LinkedIn:** [linkedin.com/in/buckmelton](http://linkedin.com/in/buckmelton) | **GitHub:** [github.com/buckmelton](http://github.com/buckmelton) | **Portfolio:** [abuckslife.com](http://abuckslife.com) |

**>TECHNICAL SKILLS**

* **Proficient:** Ruby, Rails, JavaScript, jQuery, React Native, Java, JSP, SQL, MySQL, RSpec, HTML5, CSS3, Sass, Handlebars, Linux, UNIX, Git
* **Exposure:** ES6, Capybara, Factory\_Girl, C++, C, PHP,
* **Human Languages:** English, Portuguese, German, French, Dutch, Hawaiian, Papiamentu

**>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 and improved performance of querying by 52% with indexing.
* Surpassed gold-standard availability of 99.999% server uptime with RAID disk configuration and redundancy.

**Senior 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.

**Senior 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**](https://github.com/Tooconfident/Puppy_PlayDate/blob/master/README.md) 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**](https://github.com/cyberpolin/rails-online-shop-challenge)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 utilizing Rails.
* Ensured responsive UI/UX design across 5+ major browsers using JavaScript, HTML5 and CSS3 media queries.

**>EDUCATION**

**M.S. Computer Science,** *Stanford University*

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

**B.S. Computer Science,** *Stanford University*

**>VOLUNTEER**

**Rio 2016 Olympics,** *Olympic Venue Transport Coordinator*2016