

# Gray Kemmey

cell: 540-907-1514

email: [gray.kemmey@gmail.com](mailto:gray.kemmey@gmail.com)

github: <https://github.com/gkemmey>

web: <http://www.graykemmey.me/>

## ACCOMPLISHMENTS

- Cofounded RMbrance, a company which creates hard-cover scrapbooks from multiple years of letters and photos. Built [www.rmbrance.com](http://www.rmbrance.com), where customers can order a book in less than five minutes. Automated email extraction, photo layout, .pdf generation, and printing.
- Cofounded Muster Me, a company which connects people at meetings and events. Developed core technologies around text messaging and free-form text parsing, as well as the web site [www.musterme.com](http://www.musterme.com). Won a regional business plan competition. Used at over 100 events.
- Led effort to integrate React and modern JavaScript tooling (circa late 2016) in a traditional, server-rendered views, majestic monolith Rails application to power a particularly dynamic form.
- Built a JRuby application that connected to the DB2 database underlying Kwik-Loan's online loan origination software to provide reporting and insight into the day-to-day changes of the customer's account.
- Created a program that performs sentiment analysis on a data stream from twitter.com using Bayesian statistical methods.
- Ported software from C to Java that enables planning and analysis of U.S. Navy submarine missions.
- Developed software that creates original music in the style of a specific composer. Reads and analyzes MIDI source files, then uses the principles of Markov Chains to compose new music that mimics the style of the original.
- Designed experimental software that employs genetic algorithms and image manipulation techniques to create digital art.
- Created an iOS app that allowed a user to authenticate with an ID card and request a derived credential according to NIST standards.
- Assumed leadership of a small team developing and supporting four integrated, legacy Rails applications. Introduced a git workflow that included peer reviewing pull requests, and some elements of test-driven development to the team's process.

- Open-sourced an Atom package that adds syntax highlighting for jekyll style code blocks (<https://atom.io/packages/jekyll-syntax-highlighting>).

#### SKILLS AND TECHNICAL KNOWLEDGE

Ruby, Ruby on Rails, JavaScript, React, Redux, JRuby, Java, Swift, Objective-C  
PostgreSQL, MySQL, Git, OpsWorks, EC2, S3, RDS, CodeDeploy, Heroku

#### SPECIFIC WORK HISTORY

**RTS Labs** | June 2015 – Present

**RMbrance** | February 2015 – June 2015

**Muster Me** | January 2014 – June 2015

**Naval Surface Warfare Center, Dahlgren Division** | May 2011 – January 2014

**University of Mary Washington** | B.S. Computer Science