

# tommasina miller

✉ tommasina1@gmail.com ☎ (941) 882-2132 🐦 chompasina 💼 tommasina 🌐 chompasina

software engineer

## + summary

With a nonprofit management and academic background, I'm interested in leveraging technology to address problems in our world. As a software engineer, I have a passion for agile workflow and collaborative projects that make a positive difference, not just a profit. I am a big-picture thinker, mission-oriented, compassionate communicator and team leader.

## + experience

### Software Engineer | Granicus

December 2016 – present

- Designed and developed new features, resolved bugs and hotfixes, planned and reviewed technical requirements in roadmap, contributed to team workflow processes including participating in monthly deployment to production
- Increased team productivity during average sprint from 12 to 30 points, even after loss of another senior developer on our team
- Served as coordinator for bi-weekly 90+ person engineering team Snack 'n' Learn events aimed at promoting cross-team collaboration and knowledge-sharing of software development best practices
- Implemented event queuing through three legacy applications to instantiate new data model by coordinating cross-team architectural changes and data migrations
- Crafted more productive work environment by coordinating inter-team and intra-team swarming, pairing, and spiking
- Created on-boarding documents and trained another junior developer hired shortly afterwards

### Software Development Student | Turing School of Software & Design

May 2016 – November 2016

- Served as Student Advisory Board Cohort Representative where I shared weekly feedback from students, facilitated group retrospectives, and developed extracurricular programming
- Served as Co-Leader and Student Support Coordinator in Pahlka Posse where I led our group of students interested in civic tech through the development stages of creating several JavaScript games to help kids learn healthy eating habits
- Participated in developing programming around diversity in tech for weekly Gear Up sessions

### Chief Operating Officer | NutritionFacts.org

January 2014 – May 2016

- Directed all operations of a non-profit website with over 2 million views a month
- Instituted a site help desk and ticket management system via Zendesk to facilitate communications and to allow the team of volunteers to answer over 10,000 tickets a year
- Organized user surveys and dev testing of site mobile-readiness and accessibility in order to better accommodate the 62% increase in user traffic over two years
- Coordinated a team of 4 volunteer app developers and the release of Dr. Greger's Daily Dozen app, downloaded by over 20,000 users
- Cultivated warmer and more personalized donor relationships resulting in an 82% increase in yearly donations with over \$600,000 in direct public support in 2015
- Analyzed data metrics and recommended strategies to the Board of Directors for increasing the impact of the site

## + skills

<b>LANGUAGES</b>	Ruby, JavaScript, HTML5, CSS3, SASS, SQL, PHP
<b>FRAMEWORKS</b>	Ruby on Rails, Node.js, Bootstrap, Express
<b>TOOLS</b>	Git, Github, Heroku, PostgreSQL, OAuth, MySQL, Redis, Sidekiq, Apache Kafka
<b>TESTING</b>	TDD, RSpec, FactoryGirl, MiniTest, Capybara, Mocha/Chai, Webmock/VCR, Selenium
<b>LIBRARIES</b>	React, Sinatra, jQuery

## + education

### Certificate in Nonprofit Management

University of Illinois at Chicago

### M.A. in Political Science

Colorado State University

Specialization in Environmental Politics

### B.A. in English Literature, summa cum laude

University of Florida

Minors in Wildlife Ecology and Conservation, and Sustainability Studies

## + volunteering

Code for Denver · June 2016 to May 2018  
Denver, CO

Technical Lead for Denver Re:Imagine  
Every week for 3-6 hours, I coordinate the ongoing development of an open-source React/Node.js app that will allow Denver residents to solicit recycling services from their landlords.

## + awards

Fulbright U.S. Student Alternate for Public Health, Bangladesh, 2014

College of Liberal Arts Full-Tuition Scholarship, Colorado State University, 2009-2011

Florida Bright Futures Gold Recipient Full-Tuition Scholarship, University of Florida, 2005-2009

Student of the Year Finalist, University of Florida, 2009