

# Danielle Hassid

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*I am a Software Engineer with a mathematics degree and experience with growth marketing for early stage startups. Nothing motivates me more than equipping others to have a greater quality of life. In the past, I accomplished this through teaching mathematics and literacy. In the present, I am building out ideas that make our human experience better.*

## Skills

- Ruby, JavaScript (jQuery, AJAX, JSON)
- React Native (React, JSX)
- Ruby on Rails, Sinatra
- TDD (RSpec, Jasmine, Travis CI)
- HTML/CSS, SASS, Responsive Design
- SQL (PostgreSQL, SQLite, ActiveRecord)
- Object Oriented Design
- Agile Development
- RESTFUL APIs
- Matlab, R
- Git workflow
- Heroku

## Projects

### Simul - Team Lead

September 2016

A visibility and resource sharing platform for the Syrian refugee crisis where a user can post firsthand stories, opportunities seeking, request needs, and be contacted. Simul is a decoupled cross-platform mobile app with React Native utilizing JSX, a Rails API backend using PostgreSQL deployed to Heroku, and implementing internationalization by automatically detecting a phone's language setting to render in Arabic or English.

### TinyPay

October 2016

Featured in [Forbes](#) magazine, TinyPay is a mobile payment platform for the estimated one and a half billion people on Earth with cell phones, but no internet access. Using the Mastercard Send P2P and Twilio APIs, TinyPay allows anyone to instantly send payments worldwide with just a simple text message. TinyPay is built on Ruby on Rails and a PostgreSQL database.

### Reach

August 2016

An application to preset and send text messages so that in a time of crisis a user simply opens the application and presses 'REACH' to notify their support network. Enables users to reach out before talking themselves out of seeking help. Built using Sinatra for web and React Native/Rails for mobile.

## Education

**Full-Stack Web Development Intensive at Dev Bootcamp** San Francisco, CA 2016

**BS in Mathematics at University of California, Davis** Davis, CA 2016

**Education Abroad Program at Koç Üniversitesi** Istanbul, Turkey 2014

### Relevant Coursework

Number Theory, Numerical Analysis, Combinatorics, Engineering Problem Solving, Probability Theory and Random Processes, Multivariable Advanced Calculus, Abstract Algebra, Convex Geometry, Statistics, Linear Algebra, Vector Analysis

## Experience

### Outreach Manager at Eggcyte

San Mateo, CA June 2016

- Managed 10 marketing campaigns, press page, social media platforms, VC outreach, newsletters, and product reviews for a tech startup.
- Oversaw beta testers and informed 50+ retail managers selling product.
- Experience with Mailchimp, Insightly, Squarespace, Hootsuite, and site traffic analytics.

### Mathematics Teaching Fellow at Breakthrough Collaborative

San Francisco, CA August 2015

- Taught mathematics and a math games and puzzles brain training elective to 28 under-resourced middle schoolers.
  - Developed original curriculum collaborating with a teaching partner that incorporated concepts gained from 400+ hours of intensive professional development training.
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