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)
- Agile Development

- SQL (PostgreSQL, SQLite, ActiveRecord)
- Object Oriented Design
- Matlab, R
- HTML/CSS
- Git workflow, RESTful APIs, 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
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 with a Ruby on Rails backend and 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

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 academic math classes 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.