MIGUEL MELENDEZ WEB & IOS DEVELOPER

SUMMARY

Creative, detail-oriented, problem-solver with a background in writing and public service. I have a passion for media, journalism, and being challenged to the point of debilitating frustration by games and puzzles. I'm interested in studying, writing about, and developing products that promote a deeper understanding of people and culture.

CONTACT

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SKILLS

LANGUAGES: Swift, Ruby, Javascript, HTML5, CSS3, SQL
FRAMEWORKS: Ruby on Rails, AngularJS, Sinatra, Foundation, Bootstrap
METHODOLOGIES:
Object Oriented Programming & Design, Test Driven Development, Version Control (Git), Agile Workflow, Protocol-Oriented Programming
TESTING: RSpec, Capybara, FactoryGirl, Jasmine
DESIGN: Photoshop, Illustrator, InDesign

EDUCATION

Dev Bootcamp
18 week full-stack developer intensive
2015

Stony Brook University
BA History, Sociology 2008

ACTIVITIES

Kill Screen – *Contributing Writer*

GameChurch – *Contributing Writer*

Bemaven – *Technical Writer*

PROJECTS

Popular

Popular is a hybrid event finding app and social media network that allows users to find the most vibrant venues in their city, host local events, and share remarks about their friends. Popular replicates real-world popularity by rewarding attendees of events with reputation points, based upon algorithmically determined influence.

- Built backend models, tables, and associations for all voting systems.
- Implemented Foundation, Paperclip, Amazon Web Services, and various Javascript extensions for both front-end and back-end application.
- Worked with Google Maps, Google Places, and Instagram APIs, and Facebook OAuth.

Over Yonder

Over Yonder helps pastoralist communities around the world preserve their livelihood, by providing them access to information and resources (e.g grass land, water sources, safe routes) to prepare and support their migration journey.

- Leveraged Waterpoint Data Exchange (Socrata) API for data on water sources and Weather Underground API for weather data and alerts.
- Integrated Twilio API for SMS service for the most likely use cases.
- Built all aspects of iOS app utilizing CoreLocation Framework and Auto Layout.

EMPLOYMENT

Department of Homeland Security
New York Field Office
Operations Analyst
2010 to Current

- Identify and resolve simultaneous staffing, scheduling, and mission operational conflicts in a fast-paced, high-risk emergency level environment.
- Organize, produce and disseminate reports, including sensitive security information, raw statistical data, and compliance figures in accordance with the appropriate channels of notification to meet strict deadlines.

East Harlem Council for Community Improvement
East Harlem, NY
Case Manager
2009 to 2010

- Interpreted and analyzed physical, psychological and psychosocial evaluations in order to produce Individualized Service Plans, blueprinting and annotating an individual's complete daily needs.
- Updated and maintained a database of time sensitive documentation for a caseload consisting of up to thirty individuals.

Stony Brook Career Center
Stony Brook, NY
Graphic Designer
2006 to 2008

- Collaborated with a marketing team to produce and execute all marketing initiatives for events hosting anywhere between fifteen to fifteen hundred students.
- Produced a series of promotional tools that proved instrumental in launching a university-wide online job search engine.

AWARDS

Dev Bootcamp + #YesWeCode
Scholarship Recipient: Selected from over one thousand applicants to attend Dev Bootcamp. Scholarship had less than a five percent acceptance rate.

NASA Space Apps Challenge NYC 2016 · Over Yonder (Yonder Swift)
Greatest Galactic Impact