KENNETH TRANSIER
Full Stack Developer

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EXPERIENCE

Project Manager & Web Developer, Resolve
June 2010 – Present

Core team member on the conceptual development, launch and management of the LRA Crisis Tracker, a real-time crisis mapping application broadcasting attacks by the Lord's Resistance Army on civilians from 100 early-warning radios in DR Congo and CAR

Engineered the LRA Crisis Tracker Pro, a Ruby on Rails REST API and mapping application providing advanced querying of spatial data and a geofenced alert system

Directed the design, cartography and data visualization for the LRA Crisis Tracker Security Briefs, publishing 10 quarterly reports analyzing data received on the Early Warning network and distributed to policymakers, relief workers, conflict researchers and military analysts

Led a 3-person team in developing the database schema, codebook, and data quality control of the Crisis Tracker dataset

Represented the Crisis Tracker at the International Crisis Mapping Conference in Geneva and Casualty Recorders Conference in Bogotá

Technologies: *Ruby on Rails, PostgreSQL, JavaScript, jQuery, Jekyll, QuantumGIS, ArcGIS, Tilemill, Mapbox.js, InDesign, Illustrator, HTML5, CSS3, Heroku*

Web Application Developer, Donately
January 2013 – January 2014

Principal web application developer for Donately's front-end client and REST API, leading Donately out of beta and processing over $1M in non-profit donations in the first year

Rebuilt Donately's user authentication system and implemented a redesigned UI across Donately's front-end client

Constructed donor insights dashboard and analytics to enable advanced giving analysis for non-profit administrators

Built Donately's internal revenue/user engagement dashboard and analytics to give Donately team more robust analysis of sales metrics and user engagement

Contributed to Donately customer relations/support

Technologies: *Ruby on Rails, PostgreSQL, Redis, JavaScript, jQuery, Angular.js, D3.js, Highcharts.js, Heroku*

Legislative Fellow, Resolve
January 2010 – May 2010

Co-led the Holdout, a continuous 10-day advocacy campaign seeking the release of a U.S. Senator's block of the LRA Disarmament and Northern Uganda Recovery Act

The Holdout broke the last barrier of passage for the most cosponsored piece of Africa-related legislation in the last 40 years of Congressional history, leading to a public signing ceremony by President Obama and the first public statement on the LRA by a U.S. President in the 25 year history of the conflict

Co-developed the Holdout's campaign strategy, executed campaign tactics, delivered press conferences to news media, and coordinated all campaigners

Led over 20 one-on-one meetings with House of Representatives Foreign Affairs staff seeking passage of the legislation

TECHNICAL PROFILE

Experienced in object-oriented programming, web application architecture, database modeling, code collaboration, app deployment and cartographic tools and design

Languages/Markup	Ruby, JavaScript, HTML5, CSS3 [Studied] Objective-C, Swift, Java
Frameworks/Libraries	Ruby on Rails, Angular.js, Highcharts.js, D3.js, Stripe, jQuery
Source Control	Git, Github
Cartography	QuantumGIS, ArcGIS, Tilemill, Mapbox.js, Leaflet.js
Databases	PostgreSQL, Redis, MongoDB

EDUCATION

UNIVERSITY OF WASHINGTON
B.A., Political Science [International Security]
Graduation Date: June 2015

Activities	ASUW Senator Volunteer with the ASUW Office of Government Relations for higher education funding advocacy
Critical Coursework	Computer Programming 142 Principles of GIS Mapping 360

PROJECTS

Donate for iPhone

Built Donate, an iOS application integrating Stripe and ApplePay to create the fastest and most secure way to donate to a non-profit on a mobile device

Created the Donate REST API to handle donation charges, create new organizations, and send donation receipts

Technologies: *Objective-C, AutoLayout, Stripe & ApplePay libraries, Ruby on Rails, PostgresSQL, Heroku*

Kenneth.fm

Engineered and designed a blog and portfolio using Jekyll and Github Pages

Technologies: *Jekyll, JavaScript, HTML5, CSS3*

INTERESTS

Bouldering, Writing, Triathlons, Scuba Diving, Backpacking, Carpentry