KENNETH TRANSIER
Full Stack Developer & Cartographer

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EXPERIENCE

Project Manager & Web Developer, Resolve
June 2010 – Present

Contributed to 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 80 early-warning HF radios in DR Congo and CAR

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

Implemented 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 distributing to policymakers, relief workers, conflict researchers and military analysts

Engineered the LRA Crisis Tracker Pro, a Ruby on Rails REST API and frontend mapping application for analyzing and querying spatial data, also allowing users to receive daily geofenced alerts of attacks via email

Designed and developed cartography for Resolve policy and analysis reports, including Hidden in Plain Sight and Tracking Joseph Kony, groundbreaking reports utilizing satellite imagery and geospatial analysis to track LRA commanders' locations

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

`Ruby on Rails` `JavaScript` `jQuery` `Postgres` `Jekyll` `QuantumGIS` `Tilemill` `Mapboxjs`

Web Application Developer, Donately
January 2013 – January 2014

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

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

Rebuilt Donately's user authentication system and unified email notifications systems

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

Implemented a redesigned UI across Donately's front-end client

Contributed to Donately customer relations/support

`Ruby on Rails` `JavaScript` `jQuery` `Postgres` `Angular` `Redis` `D3` `Highcharts`

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

Advanced the development of the Holdout's campaign strategy, executed campaign tactics, delivered press conferences to news media during the Holdout, 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 and app deployment

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
Bachelor of Arts in Political Science
Focus in International Security
Class of 2015 [Expected]

Activities	ASUW Senator Advocate in Olympia for Washington State higher education funding
Critical Coursework	Computer Programming 142 Principles of GIS Mapping 360 International Human Rights 320 Military Intervention 428 Inter. Nuclear Non-Proliferation 429

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

`Objective-C` `AutoLayout` `Stripe & ApplePay libraries` `Ruby on Rails`

Kenneth.fm

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

`Jekyll` `JavaScript` `HTML5` `CSS3`

INTERESTS

Bouldering, Coffee Roasting, Fiction Writing, Triathlons, Scuba Diving, Backpacking, Carpentry