

Daniel T. Turcotte

Web Developer | JavaScript & PHP

dan.t.turcotte@gmail.com

turcotteoriginals.com

PROFILE A full-stack web developer interested in building innovative products that customers *want* to use

SKILLS

Programming: JavaScript, PHP, Sass, Java, SQL, NoSQL
Frameworks/Stacks: Angular, React, Laravel, Node, MongoDB, Apache, Postgres, MySQL, Firebase
Software: GIT, AWS, IoT
Foreign Language: Mandarin Chinese (advanced proficiency)

WORK **Web Developer**, ChatLingual Boulder, CO, Nov '16 - Present
Solving staffing and organizational challenges through a centralized foreign language support platform

- Develop several new key features from concept to launch for an early stage startup
- Involved in all aspects of company product direction, securing pilots with fortune 100 companies

Web Developer, Fuzz Productions NYC, Mar '15 - Nov '16
Responsive design, RESTful APIs, production-ready IoT, and voice translation services

- Lead developer on Node Amazon Alexa eCommerce application for ZX Ventures (AB InBev)
- Lead developer on Fuzz company website frontend/backend overhaul in Angular and Laravel
- Frontend developer on a \$1.5m Angular/Node social media site for CBS which promotes volunteerism
- Optimized Angular/MongoDB Anheuser-Busch ordering system queries to improve load time by 99%
- Created documentation, testing suites, and task runners to streamline the development workflow
- Developed RESTful APIs in Laravel and Django for YMCA and Shake Shack
- *Other projects include:* created a foreign language Speech app to manipulate, narrate, and translate content on the fly, a Slack bot in Node which spoofs users, and a tree traversal animator in Raphael JS

Senior Web Analyst, United Technologies Corporation CT, May '11 - Mar '15

- Managed a \$1.1m project to centralize 100+ legacy brand websites onto SharePoint
- **IT Leadership Program:** created workflows which saved the business over \$100k

PROJECTS **Creator**, Lexicana's Destiny, language learning game CT, Summer '14 - Present
Designing a web adventure game that facilitates language learning through well-defined heuristics

- Held three rounds of beta tests at middle and high schools in Connecticut
- Implemented speech recognition and native pronunciation to test users' oral and listening skills
- Building JavaScript frontend with Laravel API to track players' language learning progress
- Designed quest system, in-game dictionary, AI interaction and a translation interface
- Created puzzles, mini games, and features to effectively teach target foreign language

Developer, Dynamic Dental Education test prep web app CT, Winter '15 - Summer '16
Lead developer on a team of four to conceptualize and deploy a comprehensive test prep platform

- Created an intuitive Angular frontend and full CMS, with an OAuth2-secured Laravel API
- Designed dynamic feedback dashboard to provide the user insight on test preparation progress

OTHER **Teacher**, Global Connection Program, Junior Achievement (JA) Shanghai, China, Summer '14

- Sought UTC company sponsorship to support 20 American high school students create a mock company

Mandarin Interpreter, Beijing Olympics, General Electric Company Beijing, China, Summer '08

- Facilitated cross-cultural communication and logistics planning for General Electric's Board of Directors

EDUCATION University of Connecticut

BS: Management Information Systems; **Minor:** Computer Science Storrs, CT, Spring '11
Study Abroad: Advanced Chinese, National Cheng Chi University Taipei, Taiwan, Spring '08