



TOM GRIFFEY

Full Stack Software Developer

Los Angeles, CA

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RECENT PROJECTS

- SAHA Chabot** Node.js chabot that integrates with the Facebook API to collect health information in Messenger. Includes a dashboard for doctors to view and send responses to Messenger conversations. *Node.js, jQuery, Bootstrap 4.*
- iTunes Data Pipeline** ETL pipeline to download a 1TB database from a third-party server to S3 and ingest into a Redshift cluster or Postgres RDS instance. *Bash, RDS, Redshift, EC2, Luigi (Python).*
- Pi VPN Server** VPN server built on a Raspberry Pi 3. *OpenVPN, Linux command line tools.*
- Intelligent Questionnaire** Web application for constructing question and answer sets. Backend serves questions based on user input, similar to TurboTax. *Slim (PHP), JavaScript, MySQL.*
- Music Metadata Cleansing Framework** Framework to generate business insights from music metadata using a de-duplication algorithm that matches disparate datasets with one another. *Scrapy (Python), Luigi (Python), RDS, Dedupe (3rd-party data science library).*
- Synthesys** Web application for playing musical instruments in the browser using the computer keyboard. *Web Audio API (JavaScript), Angular 1, Firebase, Sass/CSS3.*

WORK EXPERIENCE

- SAHA**
Software Developer
May 2017-Present
Build and deploy a chatbot and messaging service that integrates with the Facebook Messenger API to allow Arabic-speaking doctors in the U.S. to answer medical questions from Syrian refugees. Implement a WordPress consumer-facing website. Technologies used: Node.js/Express, Heroku, jQuery, Bootstrap4, WordPress, HTML/CSS/JavaScript.
- Kanban**
Software Developer
Mar 2017-Present
Re-engineer existing productivity web application using ReactJS. Provide UI/UX input for product re-design. Technologies used: ReactJS, PHP.
- Dart Music, Inc**
Software Developer
Jan 2016 - Apr 2017
Solved difficult, industry-wide problems in a fast-paced startup environment. Built systems to cleanse and de-duplicate millions of rows of metadata and deliver to major music industry clients in a multitude of formats. Integrated client data with various third-party sources, resulting in more complete metadata for the music industry and better discoverability for artists and songwriters.
- Nashville Software School**
Developer Apprentice
Jun 2015 - Dec 2015
Develop, build and test full-stack mobile and web applications in a collaborative environment utilizing a variety of developer tools.
- Southern Word**
Teacher, Project Manager
Sept 2014 - Mar 2015
Facilitated spoken word and music production workshops in high schools and colleges across Middle Tennessee. Coordinated social media and grass roots marketing campaigns to increase brand awareness and program participation rates.

TECH

- Languages** Python, JavaScript (Node.js), PHP, HTML5, CSS3, SQL, Bash
- Frameworks** Express, Flask, Slim, Bootstrap, Wordpress, React
- DevOps** Git, Mercurial, Heroku, AWS (RDS, Redshift, EC2), Firebase

EDUCATION

- Nashville Software School** Designed and implemented code projects in a collaborative setting, utilizing modern software development languages, frameworks and techniques.
- New York University** B.A. in Music. Graduated Magna Cum Laude in three years. Studied abroad in Buenos Aires, Argentina for 6 months. Fluent in Spanish.