BLAKE **WILLS**

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>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, ReactJS, React Native, Rails, Node.js, Ruby, Python, Express, SQL, PostgreSQL, MySQL, MongoDB, Firebase, Git, Heroku, AWS (S3), Jasmine, Gulp, Jest, RSpec, Capybara, HTML5, CSS3, TDD
- **Exposure:** Django, Flask, AngularJS, D3.js, Docker, Jenkins, Agile Development

>PROFESSIONAL EXPERIENCE

HireClub | Software Engineer | San Francisco, CA   2017 - Present

- Architected RESTful API using Ruby on Rails to feed Facebook user data from 12,000+ members into custom matching algorithms which analyzes metadata to determine social network connections with companies.
- Engineered real-time chat system using JavaScript, ReactJS and Redux to facilitate networking with hiring managers and corporate employees more than 7X faster than existing process.
- Improved testing by over 20% (to 90% code coverage) following test-driven development (TDD) using RSpec and Factory_Girl for job searching tool.
- Created major UI components utilizing JavaScript, HAML and Ruby on Rails in collaboration with designer and CTO for hiring platform featured in the Huffington Post.

Trym | Software Engineer | San Francisco, CA   2016 - 2017

- Engineered 25+ React Native components to modularly construct mobile UI and reduce codebase by > 20%.
- Developed hair stylist tracking system with JavaScript, React Native and Tookan API via 3 asynchronous calls.
- Integrated Stripe API into Node.js and Firebase server to automate payment process for 5 different methods.
- Designed NoSQL DB using Firebase, MongoDB and JavaScript to track user, transaction and dispatch data.

Crosspoint Evaluations | Database Admin | San Francisco, CA   2016 - 2016

- Increased company revenue by 15% through developing Google sheets reporting key operating inefficiencies.
- Migrated > 25,000 lines of operational data for medical-legal startup into MySQL DB to centralize information.
- Optimized financial reporting process by ~19% by writing SQL queries and VBA scripts for process automation.
- Administered MySQL DB containing operations, sales and financial data of 20,000+ worker insurance claims.

Concentra | Database Admin | San Francisco, CA   2015 - 2016

- Wrote Python scripts to seed MySQL database with over 1 million patient record files to spearhead transition from paper based charts to automated electronic medical record (EMR) system.

>SIDE PROJECTS + AWARDS

Date Night | Software Engineer | 1st Place Prize at Reactathon   2017

Cross platform system for booking packaged date night experiences in San Francisco based on personal preferences.

- Engineered 20 React components to construct web UI for date night booking service that won best design.
- Won over $4000 dollars in total prizes which included new laptop and tickets to ReactJS conference.

The Watch | Software Engineer | 1st Place Prize at Hack Against Violence   2016

Surveillance tool designed to detect people who are at risk for suicide based on sentiment analysis of social media data.

- Won space at Runway Incubator, located inside the Twitter HQ, out of a field of 20 teams and 100 engineers.
- Incorporated map view to display geographic location of nearest 100 tweets of potential at risk individuals utilizing Mapbox and Twitter APIs.

Dear Ally | Software Engineer | Global Citizenship Award at Chimehack3   2016

Chatroom for victims of violence to anonymously connect with professional counselors for immediate assistance.

- Received $5000 cash prize and an interview with Kleiner, Perkins, Caufield and Byers for fellowship program.
- Constructed chat-room within application built with Sinatra framework utilizing the Twilio IP Messaging API.

>EDUCATION

Python Data Analysis, *University of California, Berkeley*   2016
B.A. Human Biology, *University of Southern California*   2013