

Alan Tran

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EXPERIENCE

Software Engineer, 500friends

San Francisco / Remote — May 2016 - March 2019

- Created first microservice to monitor tweets and instagram posts and match them with existing customers for social media campaign marketing
- Optimized and expanded API capabilities and performance (up to 250x times speed)
- Developed new features and bugfixes for a monolithic rails app serving 60k requests a minute
- Assisted customer success with client facing issues and requests
- Heavy focus on thorough unit and integration testing for new features and filling in gaps in old code
- Interviewed software engineering candidates resulting in successful hire of 3 team members
- Reviewed and consulted on over 600 code changes

Data Analyst, Ecobee

Toronto, ON, Canada — February 2015 - August 2015

- Maintained and updated a SQLite3 database using Google Analytics data, sales and weather data
- Spearheaded a project that identified optimal advertising opportunities based on historical data
- Built interactive charts to demonstrate correlation between marketing and weather metrics for every major city across the United States and Canada

PROJECTS

Jquery Query Builder Conditions Parser - Ruby

March 2019

- Recursively traverses the query builder conditions tree and safely converts it into SQL

Pinoir.co - Rails · Backbone · Javascript

August 2015

- Single-page photo management app using RESTful JSON Rails API, inspired by Pinterest
- Custom authentication using BCrypt to privately and securely store a salted hash
- Overrides Backbone's model#parse method to dynamically generate related photos

EDUCATION

App Academy

San Francisco, CA, United States — 2015

Acceptance rate < 3%. Immersive software development course with focus on web development and agile methodologies. Strong emphasis on code quality and design patterns.

University of Waterloo

Waterloo, ON, Canada — 2010 - 2015

BA · Accounting and Financial Management