

WILLIAM TRAN

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Software Developer

- Focused Software Developer seeking to build exciting and interesting applications that provide value to its users with technology and analytics.
- Knowledge of Object Oriented Programming, MTV and MVC methodologies.
- Setting up models and RDMS/NoSQL databases, routing views, URLs and controllers, perform SQL queries, CRUD operations, and deployment.

Technology Summary

| | | | |
|---------------------|---|-----------------------|--------------------------------------|
| ✓ Front End | Angular, jQuery, Bootstrap, CSS, HTML | ✓ Middle Tier | Python, Java, JavaScript, TypeScript |
| ✓ Back End | Django, Flask, Spring Boot, Node.js, Express.js | ✓ Databases | PostgreSQL, MySQL, MongoDB, SQLite |
| ✓ Dev Tools | PyCharm IDE, STS IDE, REST API, Postman | ✓ Data Science | Pandas, Matplotlib, NumPy, Octave |
| ✓ Deployment | AWS EC2, Firebase, Ubuntu, Unicorn, Nginx | | |

Freelance Experience

CROWDBOTICS -- Berkeley, CA

Freelance Software Developer, May 2018 to May 2018

- Developed 5 landing pages for company to start AdWords campaign with pure CSS, Bootstrap and HTML.
- Collaborated with UI/UX Designer to build mobile and desktop responsiveness.
- Implemented Firebase deployment to stage pages and ensure proper display.
- Collaborated with developers using GitHub from multiple branches.

CLUB OF DIAMONDS -- Los Angeles, CA

Freelance JavaScript Developer, Mar 2017 to Jul 2017

- Setting up MongoDB, server, RxJS and JSON routing, models, controller, Node.js back-end and Angular front-end design.
- Implemented modal for registration, authentication, encryption, validations, sessions management, error handling.
- Implemented filter directive for search bar and equal validator directive for password confirmation.

DOGGYCRATE -- Los Angeles, CA

Freelance Java Developer, Aug 2016 to Dec 2016

- Implemented dependencies in Spring Tool Suite IDE.
- Set up config, controllers, models, repositories, services and validator packages.
- Implemented custom logout handler, web security config and authentication.
- Set up associations for the models.
- Executed set up between MySQL database and STS to pass data and serve localhost.
- Created design of packages using Photoshop.

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Professional Experience

THE OLSON COMPANY -- Seal Beach, CA

Financial Analyst/Staff Accountant, Sep 2013 to Jun 2017

- Analyzed and managed loan draws to ensure funding of our projects.
- Managed revenue projection reports, tracking profitability, cash flows, analyzed P&L impacts to timing of closings, deliverables and sales price increases and decreases.
- Compiled data related to land development, operations, financial metrics, loan approval packages for lenders and investment packages for JV and board of directors.
- Gathered financial and marketing data to provide homebuyer demographics used in the project approval process for the Community Development team.

Projects

DEGENERATE BLOCKER • PYTHON

A website blocking script to help be more productive by blocking the sites you most frequent for a certain number of hours. After the hours are up, the script updates and removes the sites from being blocked.

- Implemented infinite loop to check status every 5 seconds to write or update the sites to be blocked or unblocked.
- Converted to .pyw file for script to run in the background.
- Wrote documentation to schedule and run script in Windows OS.

DULY NOTED • PYTHON, DJANGO, JAVASCRIPT, MYSQL, AJAX, JQUERY, HTML, CSS

A simple, easy to use sticky note app where users can register and login to create, update and delete their notes. Purpose of the project was to pass the data asynchronously.

- Setting up associations in the models for MySQL and SQLite.
- Implemented AJAX to handle post requests to create, delete and update.
- Implemented modal for registration, validations, and error handling.
- Deployment of project using AWS EC2.

Education & Credentials

CAL POLY POMONA -- Pomona, CA

BS in Finance

CODING DOJO -- Burbank, CA

Full Stack Development Program

Certification:

- Redis Labs RU101 Certificate | Redis University
- Coding Dojo | Full Stack Development
- Complete Python Master Class
- Python for Finance: Investment Fundamentals & Data Analytics

Recent Training and Seminars:

- Machine Learning | Stanford University | Coursera
- Machine Learning with Python