



WILLIAM TRAN | PYTHON DEVELOPER

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HTTPS://GITHUB.COM/WTRAN29 | HTTP://WWW.WTRAN.ME

SKILLS

Front End

HTML, CSS, JavaScript,
Django, Tkinter, Angular 5,
Bootstrap, jQuery

Middle Tier

Python, JavaScript, Java

Back End

MySQL, SQLITE3, Django,
Flask, MongoDB, Node.js,
Express.js, Spring Boot

Methodology

OOP, MTV, MVC

Development Tools

PyCharm IDE, Spring Tools
Suite IDE, Rest API

Data Science

Pandas, Matplotlib, Numpy

Deployment

AWS EC2, Firebase

EXPERIENCE

FREELANCE SOFTWARE DEVELOPER • CROWDBOTICS • MAY 2018

- Created 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.

FINANCIAL ANALYST • THE OLSON COMPANY • SEP 2013 – 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.



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BLACKJACK APP • PYTHON, TKINTER

A simple Blackjack game created with Tkinter GUI. User can hit, stay, start new game and shuffle. Game contains 3 decks of cards and has the method to keep score between player and dealer.

- Implemented methods to interact with Tkinter windows, frames and buttons.

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.

- 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.

CLUB OF DIAMONDS • MEAN, JAVASCRIPT, HTML, CSS

A social app geared towards affluent users to discover, showcase and list luxury items/services.

- Setting up MongoDB, server, 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.

EDUCATION

FULL STACK DEVELOPMENT • OCTOBER 2017 • CODING DOJO

Built real world applicable projects with Python, JavaScript and Java

B.S. FINANCE • MARCH 2008 • CAL POLY POMONA



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