

Rony Aguilar

Software Engineer

Phone: (310) 614-3484

Email: rony.aguilar.dev@gmail.com

Github: github.com/ronyaguilar

Los Angeles, CA

Experience

Acento, Santa Monica, CA Media Data Analyst

2017 - Present

- Managed and tracked multiple client campaign spending and performance
- Responsible for building and designing various campaign dashboards using Tableau for analysis
- Utilized Google Analytics and DoubleClick Manager to report media channel metrics, and create campaign ad placements
- Performed market research and gained insight using Nielsen for media team and buyers

Los Angeles Police Department Full-Stack Engineer

Aug 2017- Dec 2017

- Received special assignment from LAPD to create CrookBook, a homicide case management web application driven by Django
- Slashed blocks of boilerplate code using dynamic HTML rendering for web pages
- Constructed backend GET/POST API requests, model creation and code review
- Contributed in designing database schema, user flow, and interface
- Practiced Agile development workflow and participated in scrums to provide project updates and biweekly meetings with homicide detectives
- Awarded Letter of Recommendation from Chief of Police for exceeding expectations
- **Technology Stack:** Python3, Django, PostgreSQL, Docker

Mimicoin Personal Project

2019 - Present

- Created Mimicoin, a simulated cryptocurrency trading platform
- Adopted new React Hooks for lifecycle methods and state management
- Communicated with Nomic's Cryptocurrency Live Market Data API
- Used mLab cloud platform for MongoDB data storage
- Features include Live Data, Personal Coin Wallet, and Watchlist
- **Technology Stack:** ES6, React/Redux, Express, NodeJS, MongoDB

CookyJar Personal Project

Aug 2018 – Dec 2018

- Developed a web app using React that allows users to search and save recipes from Spoonacular's Recipe API
- Implemented dynamic rendering dependent on search context
- Facilitated component state management through Redux using actions and dispatchers
- Integrated Google OAuth 2.0 authentication with PassportJS for user accounts
- **Technology Stack:** ES6, React/Redux, Express, NodeJS, MongoDB

Skills & Abilities

Programming Languages

- Javascript (ES6 & below)
- HTML5 & CSS3 (including Sass/Less)
- Python
- Java
- C#
- C++

Tools

- Git/Github
- Docker
- NodeJS
- Heroku
- Unity 3D
- Basic unit testing with Mocha/Jest

Related Courses

- Algorithms/Data Structures
- Databases
- Interaction Design
- Computer Graphics & Render Programming
- Linear Algebra
- Discrete Methods

Languages

- English
- Spanish

Education

Loyola Marymount University- Los Angeles, CA

| JAN 2016 – MAY 2018 |

Degree: Computer Science, B.S

GPA: 3.5

Dean's Honor Roll List

SANTA MONICA COLLEGE

| JULY 2013 – DEC 2015 |

Major: Computer Science

GPA: 3.6

Dean's Honor Roll List