Adrian R

P A D U A

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SUMMARY

Software Engineer, Web Developer, UX Enthusiast, Musician
I design UI's, code, and write music

EDUCATION

B.S. in Computer Science, *UC Irvine (3.7 GPA)*
2016 – Present

- *Dean's Honor List:* Fall 2016, Winter 2017, Spring 2017
- *Relevant Coursework:* Data Structures, Algorithms, SQL Databases, Computer Networks, Assembly and Data Management

EXPERIENCE

Software Development Engineer Intern, *Amazon*
Jun 2017 – Sep 2017

- Automated fulfillment center damaged-item handling and reduced event handling time from 1 week to ~1 minute.
- Built software package in Scala to listen, consume, and process data messages.
- Tested new and existing software with unit and integration tests with the help of testing frameworks like JUnit and Mockito.
- Refactored and added functionality in existing message handler codebase, reducing total amount of code by ~200 lines.

Software Development Intern, *Castifi*
Jul 2016 – Mar 2017

- Designed and built a time-logging page within a mobile app for background actors, eliminating 1-2 hours of manual work per casting event.
- Created hybrid mobile application pages for user profiles and logins, allowing users to view and edit their profile information and log into the app.
- Updated an open source Cordova geolocation plugin from Swift 2.3 to Swift 3.x, enabling the Castifi application to successfully implement a location-based check-in feature on native iOS devices.

PROJECTS

D&D 5th Edition API *(REST API/NoSQL database)*
Dec 2016 – Present

- Translated complex game system rules and objects to machine-readable JSON formatted data base files accessible through a REST API.
- Built backend software to run on a Heroku web server, allowing API consumers to query and receive game data.
- Currently used in over 30 different projects by developers around the world. Can be demonstrated at http://dnd5eapi.co/

SKILLSET

Tech Summary – github.com/adrpadua
General Skills, Languages, Databases, Frameworks
• iOS • macOS • Windows • Unix • Mobile • Web • REST API • SQL • MySQL • NoSQL • MongoDB • C++ • Java • Scala • Swift • JavaScript • HTML/CSS • Python • Node.js • React • Angular • SASS • Express • Spring • Mockito • JUnit • Jackson •