Jesus Romero

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Education

The University of Texas at Austin, Austin, TX
  B.S., Computer Science, August 2018
  GPA: 3.22

Technical Skills

Programming Languages:
  Proficient in Java, C
  Competent in Python, Swift
  Exposure to JavaScript, Android
Web Development:
  Worked with Docker, React, REST, XML
  Exposure to AWS EC2, Mocha, Selenium
Data Management:
  Competent in SQL, UML Design
  Worked with PostgreSQL, Firebase

Coursework

iOS Mobile Computing	*Summer 2018*
Software Engineering	*Spring 2018*
Android Mobile Computing	
Computer Vision	
Algorithms & Complexity	*Fall 2017*
Compilers	
Programming for Correctness and Performance	
Programming Languages	*Spring 2017*
Data Management	*Fall 2016*
Operating Systems	*Spring 2016*
Computer Architecture	*Fall 2015*
Data Structures	*Spring 2015*
Discrete Mathematics	

Projects

pocketchef.me: *React, Python, SQL, JavaScript, PostgreSQL, Flask, Docker, AWS EC2, Mocha, Git*
  A full stack web application hosted on an AWS EC2 instance and deployed within a Docker container. Presented visitors with restaurant information and recipe information fetched from pocketchef's Flask-Restless generated API with API requests. Front-End implemented the user interface with Reactstrap and supported pagination, filtering, and searching of the data.

Dex: *Java, Firebase, SQLite, XML*
  An Android application, emulating a "Pokedex," which presents all Pokemon's information, fetched asynchronously from PokeAPI using threads and stored locally in a database. Users can filter the Pokemon database, login with validated credentials with the help of FirebaseAuth, and store custom teams in a Firebase Database instance and send those teams to other users.

Pintos: *C, Git*
  A "pint-sized" operating system built upon a basic instructional x86 operating system that supports priority scheduling, argument passing on the stack, system calls for user programs, virtual memory, and a multi-level indexed file system.

Compiler: *C, Yacc, Lex*
  A compiler for the Pascal language that generates assembly code with the use of a lexical analyzer that converts characters into tokens, a parser that analyzes Pascal statements with the use of a defined grammar and actions, and a code generator.

Activities and Organizations

The Hispanic Association of Computer Scientists   Aug. 2016 - May 2018
  Participated in a Hispanic-led organization that hosts networking and social events, coding challenges, presentations by companies, and weekly meetings to support the Hispanic community.

Work Experience

Kasbah Hookah Lounge, Austin, Texas   May 2017 - Jul. 2018
Floor Manager
  Distributed tasks amongst team members, managed schedules, and communicated with customers to provide efficient service at Austin's most-renowned hookah lounge.

Academy Sports and Outdoors, San Antonio, Texas   Jun. 2016 - Aug. 2016
Academy Sales Associate
  Attended to store zones, provided customer service, and maintained a "mismatch" database while working with team members to accomplish daily/weekly tasks.