José Arturo Lemus Ortiz

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EDUCATION

Tufts University, Medford, MA
Bachelor of Science in Computer Science
GPA: 3.30, Dean's List, Questbridge Scholar

SKILLS

Programming Languages: C, Python, JavaScript, SQL, HTML, CSS
Frameworks, APIs: React, Express
Related software: Git, MongoDB, PostgreSQL

PROJECTS

Distributed Hash Table
- Wrote a C program that creates a decentralized, distributed system used to upload and download data to nodes using SHA1 hashes as keys, and TCP for transfers

Inactivity and Slouching Detector
- Built an IoT device that monitors the time a user spends sitting and slouching
- Created a website that plots the recorded data using Google Charts

Port Scan and Password Detector
- Wrote a python script that detects ongoing port scans and passwords sent in cleartext using the pcapy module, and scapy

Music Guessing Game
- Created a website for guessing song names using Spotify and Facebook APIs, and worked on the backend storing user data on a MongoDB instance.

EXPERIENCE

Lemus Painting, Mamaroneck, NY   Summer 2011-Current
Assistant
- Wrote invoices, schedules on-site work, and served as a Spanish-English translator
- Removed wallpaper and prepared rooms for painting

JumboCode, Medford, MA   September 2018 – May 2019
Front End Developer
- Built components displaying information on bisexual resource centers across the United States using React and the Google Maps platform

Spot.IM, New York City, NY   July 2018 – August 2018
Research and Development Intern
- Built a marketing dashboard identifying trends across the Spot.IM platform using NodeJS, PostgreSQL, Watson Natural Language Understanding, React, and Redux
- Presented project progress to executives and management

Insight Venture Partners, New York City, NY   May 2015 – August 2015
Database Intern
- Researched private companies and updated information on the firm's database
- Improved the firm's database by suggesting relevant tags and other search criteria

Freelance work, Rye, NY   May 2014 - October 2014
Tech Support
- Taught elderly clients how to use Microsoft Office and other basic software

McDonald's, Mamaroneck, NY   May 2013 - August 2013
Cashier
- Rewarded by management for providing hospitable service to a mystery shopper