Jose Cabrera

Full Stack Web Developer

Computer Science graduate with experience in web development and programming aspiring to become a full stack web developer. Experience includes developing full stack websites and a diverse array of computer, mobile, and artificial intelligence applications.

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linkedin.com/in/josecabrera2 in

WORK EXPERIENCE

Systems Engineer
MORI Associates

06/2017 – 08/2017   *Houston, TX*

Contract internship (COMIT) at the NASA Johnson Space Center (JSC) through MORI Associates.

Achievements/Tasks

- Over 100 NASA Microsoft SharePoint websites were analyzed and remediated to be compliant with Section 508 guidelines
- Utilized SortSite to scan and generate reports with fixable/OOTB (out of the box) issues for the Microsoft SharePoint sites
- Section 508 uses the Federal procurement process to ensure that technology acquired by the Federal government is accessible.

Security Attendant & Website Administrator
Blaffer Art Museum

01/2017 – 06/2017   *Houston, TX*

Blaffer Art Museum is an art museum located at the University of Houston.

Achievements/Tasks

- Utilized WordPress software and custom front end code solutions to fit the needs of the organization.
- Monitored daily inventory and condition of museum artworks to preserve their integrity. Greeted and shared information about these collections to visitors.

VOLUNTEER EXPERIENCE

Teaching Assistant
Microsoft

08/2016 – 05/2017   *Houston, TX*

Supported high school students with AP Computer Science curriculum in a classroom environment.

Tasks/Achievements

- Teaching assistant for a local high school classroom of 25 AP computer science students.
- Students learned core computer science and programming concepts while preparing for the AP computer science exam.

EDUCATION

Bachelor of Science in Computer Science
University of Houston

07/2013 – 07/2017

SKILLS

Adaptability · Collaboration · Time Management · Databases · HTML · CSS · JavaScript · jQuery · SQL · NoSQL · Python · C++ · Java · C# · MongoDB · Express · AngularJS · Node.js · Git · BootStrap · .NET · AmazonWS · Heroku · Programming · Computer Networking · SharePoint

PERSONAL PROJECTS

Ruffday.club Website (12/2017 – Present)
- A full stack MEAN (MongoDB, Express, Angular, NodeJs) web application for adoptable dog candidates.
- Users can login/register and submit dogs up for adoption and tag their location (or animal shelter's location) via a Google Maps API. Users can also comment/edit on a dog's profile.

Breast Cancer Detection System (11/2017 – Present)
- Using machine learning techniques and algorithms (K-Nearest Neighbors) to detect and diagnose breast cancer in patients.
- Has an estimated 97.5% accuracy using repeated 10-fold cross-validations (with the provided data). Project utilizes public repository database provided by the University of Wisconsin and UCI Machine Learning website.

Augmented Reality Apps (10/2017 – Present)
- A simple AR maze that utilizes Unity and Vuforia software written in C# that runs on mobile devices such as iOS and Android.
- A more complex AR Pokémon inspired card game that utilizes Unity, Vuforia, and third party AI software to simulate a "Pokémon battle" between users. Runs on mobile devices such as iOS and Android.

Project Management System (01/2017 – 05/2017)
- Developed a Full Stack Project Management Database system that initiates, plans, executes, and facilitates management projects.

ACHIEVEMENTS & CERTIFICATES

Apple Certified Associate (ACA) (2017)

Founding Member of IEEE at University of Houston (2014)
1 out of 20 founding members of the IEEE Computer Science branch at the University of Houston.

Michael and Susan Dell Foundation Scholar (2013)
1 out of 303 recipients for the Michael and Susan Dell Foundation Scholarship program.