

Tuan Phan

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tuanphandevolver.github.io

EXPERIENCE

Denver International Airport — Web Integrations Intern

June 2019 - PRESENT

- Add features per customer request, to a single page, enterprise web application built using Model View ViewModel structure, JavaScript, AngularJS, SharePoint, Bootstrap, and jQuery.
- Create a contacts web/mobile application for hundreds of employee's references using Microsoft's SharePoint, Azure Active Directory, Office365, and PowerApps.
- Consistently deliver features and create applications using Azure DevOps following two-week Agile sprints

PROJECTS

E-Commerce Website

Created an e-commerce web application front and back-end using a MERN stack integrated with REACT, REST API calls, JavaScript, json, Node.js, Express, Bootstrap, MongoDB, NoSQL, HTML5, and CSS3.

Twitter Clone

Implemented a Twitter clone with a colleague using JavaScript, MySQL, JSP, and JavaBeans. The clone followed the Model View Controller

Autonomous Car

Led a team in creating an autonomous vehicle that can traverse through a maze automatically using Arduino microcontroller, DC Motors, C++.

Data Mining Analysis

Classified three different sets of data using the naive bayes and adaboost classification methods built from scratch using Python.

Battleship

Created a battleship game with LED matrices using the Arduino Microcontroller and C++

SKILLS

JavaScript

Python

C++

C#

Object Oriented Programing OOP

AngularJS, ReactJS

NodeJS

RESTFUL APIs

SharePoint, Azure

SQL

NoSQL

JSON

jQuery

Bootstrap, CSS3, HTML5

Git

Software Development

Agile Development Methodologies

Virtual Reality

OpenCV

EDUCATION

University of Colorado Denver

Bachelor of Science - Computer Science

June 2019

ADD'L PROJECTS

Smart Fish Tank

Collaborated with mechanical engineer colleague to build a Smart Fish Tank capable of monitoring its status using an Arduino Microcontroller, multiple sensors, and posting it on server using API requests. The tank also had a feeding system working off step motors.

Ping Pong

Developed a ping pong virtual reality analysis using Unity and SteamVR implemented in C# and Python, OpenCV image processing

Software Development Proposal

Worked with a team to create and manage a proposed Software Development in my intro to Software Development class. Effectively go through the lifecycle of the software development in an Agile and flexible manner.

ADD'L WORK EXPERIENCE

Community College of Denver — *Front Desk Staff*

August 2014 - May 2019

- Assist students with complex issues regarding their tuition so that they may enroll

REFERENCES

Nate Cain

IT Manager, Enterprises Applications
Supervisor

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Chase Wearne

Accountant at Community College of
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Supervisor

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