# Tuan Phan

United States Citizen Residing in Denver, CO

**303.408.4652**
tuan.p01@gmail.com
www.linkedin.com/in/TuanPhanDev
tuanphandeveloper.github.io

## EXPERIENCE

**Denver International Airport** — *Web Integrations Summer Intern*

June 2019 – August 2019

- 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++

### Ping Pong

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

## SKILLS

JavaScript

Python

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

C#

Numpy

Data Analysis

Problem Solving

## 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.

### 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
(303) 342-2385
Nate.Cain@flydenver.com

### Chase Wearne

Accountant at Community College of Denver Cashier Office
Supervisor
(303) 352-6352
Chase.Wearne@ccd.edu