

RESUME

EDUCATION

AUG 2018 - DEC 2018

Coding BootCamp - Triple Black Belt
Coding Dojo - Seattle

APRIL 2017

Microsoft Professional Program for Data
Science - Certification

JUNE 2011 - MAY 2016

Bachelor of Science
Pennsylvania State University
Aerospace Engineering

MAIN LANGUAGES

JavaScript Python

C#

FRAMEWORKS

Django Flask

ASP.NET Core Bootstrap/Materialize

Express Angular

DATABASES

MySQL/SQLite MongoDB

TECHNICAL SKILLS

jQuery AJAX

Node Git

React Gatsby

Socket.IO Web API's

AWS Azure

Object-Oriented Programming

Algorithms & Data Structures

DAVID NAM

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MY GOAL

To seek a challenging, yet exciting position as an entry level Software Engineer in a flourishing organization where innovation and education are highly valued and encouraged. I am a collaborative software engineer with a get-stuff-done attitude, efficient time management skills, and a strong user focus. Eager to learn new technological skills; if I do not have knowledge about something, I will learn it.

WORK EXPERIENCE

Quality Engineer

10/2016 - 01/2017

Fatigue Technology Inc. (Tukwila, WA)

- After creating Solidworks files for aircraft parts, responsible for developing Keyence programs to help measure those parts.
- Helped quality inspection and senior engineers at the end of each quarter to ramp up the task.

Instructor

08/2013 - 07/2014

Remnant Leader School (Seoul, South Korea)

- Taught a class of 35 high school students to help prepare for the CSAT (Math & English).
- Maintained weekly office hours and problem solving sessions for interested students.
- Graded problem sets and exams.

RELATED PROJECTS

Vacatrip Trip Organizer Web Application

(github.com/jcindavid933/trip_buddy)

- Brief Description: This is a full stack web application (CRUD) written in **Python** powered by the **Django** framework. It allows authenticated users to plan and remove their own scheduled trips, and join other scheduled trips from other users.
- Developed an interactive login/registration page using **jQuery** and **AJAX**.
 - Utilized **Django ORM** to store user & trip data/ reduce risk of SQL injection.
 - Proper use of session to prevent hacking.
 - Deployed application using Amazon EC2.

E-Commerce Web Application (github.com/jcindavid933/e-commerce)

- Brief Description: This is a full stack web application (CRUD) written in **C#** powered by the **Entity Framework Core**. It allows authenticated users to create a new or pre-owned product, and create an order to purchase from the virtual storefront.
- Utilized **MySQL** to store user, product and order information. All models set up with proper validations. Used proper retrieval query for displaying information.
 - Researched common methods of uploading files using an **IFormFile Interface**.
 - Deployed application using Amazon EC2 and Azure

Pet Shelter Web Application (github.com/jcindavid933/pet_shelter)

- Brief Description: This is a full stack web application (CRUD) written with **MEAN (MongoDB, Express, Angular, Node)** stack. It allows authenticated users to create and edit the profile of an adoptable pet. They also are able to review the details of a pet, add a like, and discuss the pet in a chatroom with other users.
- Utilized **MongoDB** with proper front-end validations to store pet information.
 - Implemented modularization to organize files. Used angular routing to display different components for the web app.
 - Researched methods of utilizing sockets, and implemented **Socket.IO** in order to enable real-time communication between users who want to talk about a pet.
 - Deployed the application using Amazon EC2.