

JACOB VALDEZ

Artificial Intelligence Researcher

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https://github.com/JacobFV in linkedin.com/in/jacob-f-valdez

EDUCATION

B.S. Computer Science

The University of Texas at Arlington

June 2020 – Present

GPA 3.9/4.0; graduate May 2022

A.A.S. in Mathematics

Navarro College

Sept 2014 – May 2018

GPA 3.9/4.0; 85 hours completed

EMPLOYMENT

Crew Trainer

McDonald's

May 2016 – Mar 2020

Midlothian TX

- Led safety committee and addressed employees during 30-minute monthly safety meetings
- Trained employees on-the-job and formally
- In addition to 4 years of formal education, actively used Spanish on-the-job

PROJECTS

Principled Artificial Intelligence

Feb 2019 – Present

- Active project to research and develop artificial intelligence
- Ongoing research published at https://jacobfv.github.io/projects/principled_artificial_intelligence/

DesparadosAEye

Jan – May 2021

- Project manager, general app developer, and ML engineer for a 5-person group developing open-ended Android chatbot.
- App available at <https://github.com/kmosoti/DesparadosAEYE>

Workplace Surveillance System

July 2019

- Employee phone detection computer vision system
- Client-side neural network programmed with tensorflow.js
- Demonstration to employer succeeded identifying employees on their phone, but employer not willing to pay to use
- Github repository [JacobFV/Workplace-Surveillance-System](https://github.com/JacobFV/Workplace-Surveillance-System)

SKILLS

Machine learning/deep learning

TensorFlow

Teaching

Presenting

Programming

Engineering

System Design

Data Visualisation

Research

CERTIFICATIONS

Google TensorFlow Developer Certification

Google Developers

April 2021

DeepLearning.AI TensorFlow Developer

Coursera

Oct 2020

DeepLearning Specialization by DeepLearning.AI

Coursera

Sept 2020

AWS Certified Developer – Associate

AWS

Mar 2019

AWS Certified SysOps Administrator – Associate

AWS

Mar 2019

AWS Certified Solutions Architect – Associate

AWS

Feb 2019

AWS Certified Cloud Practitioner

AWS

Nov 2018