POUYA TAVAKOLI

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Objective

TO ENHANCE MY EDUCATIONAL AND PROFESSIONAL SKILLS IN A STABLE AND DYNAMIC WORKPLACE

Education

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING | MINOR IN MATHEMATICS, COMPUTER SCIENCE | EXPECTED DECEMBER 2019 | UNIVERSITY OF OKLAHOMA GPA: 3.70/4.0

Relevant Experience

ENGINEERING INTERN | SAMSUNG AUSTIN SEMICONDUCTOR | JUNE 2019 – AUGUST 2019

· Implemented a Rest api for an internal website using the Django Rest Framework
· Helped continue internal website development using Django
· Created a Machine Learning algorithm that would cluster different wafers that were damage based on image composition using python

ENGINEERING INTERN | WEIR-MATHENA | JUNE 2018 – AUGUST 2018

· Oversaw the designing of the new weekly reporting system that was sent out to customers
· Using LabView, created software that utilizes ModBus communication into existing products

Robotics Team/ Programming Team

SOFTWARE MEMBER | IEEE ROBOTICS TEAM | AUGUST 2017 – MAY 2019

· Implemented computer vision to a raspberry pi so it can detect what letter is on a block
· Programmed Arduinos and incorporated other electronic devices such as IR followers, color sensor, and a magnet onto it

OU PROGRAMMING TEAM | AUGUST 2017 – MAY 2018

· Divided into teams of three and were given a set of computer science problems to solve in 6 hours and were ranked by how fast and how many problems were completed

Skills

PROGRAMMING LANGUAGES AND SOFTWARE

· Java, C++, LabView, MATLAB, Python, Django, SQL, MultiSim, Eagle, TensorFlow
· ROS, Linux, Ubuntu, Microsoft Azure

BILINGUAL

· Can speak, read, and write fluently in both Farsi and English

Notable Classes

· Data Structures, Database Management Systems, Intro to Machine Learning
· Circuits 1 & 2, Digital Signals and Filtering, Circuits Lab, Introductory Electronics