Drew Voor

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Education

UNIVERSITY OF CENTRAL FLORIDA	Orlando, FL
B.S. Computer Science, 3.29 GPA	April 2023

   - accelerated B.S. to M.S program

EASTERN FLORIDA STATE COLLEGE	Melbourne, FL
A.A. General Studies	August 2019

Experience

QUALCOMM TECHNOLOGIES	Boulder, CO
Software Engineer Intern	Python		May 2022 - Present

- Planned, designed, and implemented a computer vision project. Enabled automated testing of device functionality
    - o Enabled automated testing of device functionality. Utilized OpenCV and Tesseract in Python and running on top of GRBL and G-code to a Tapster robot and all in a Linux environment
- Utilized development and operations software Jenkins, Confluence, Jira, and Gerrit to assure software quality
- Followed AGILE development approach, communicated with peers and project leaders to implement program functionality, and react to changing project needs
- Took initiative in planning and acquiring funding for intern events for the Colorado site

COLLINS AEROSPACE	Melbourne, FL
Test Operator	May 2018 - November 2021

- Tested flight critical circuit card assemblies with in-circuit test, JTAG, functional test, and boundary scan methods
- Recognized for high quality and productivity, trained new test operators on shift

Proficient Skills

- Python, C, Linux development environment, machine learning area, computer vision

Personal Projects

MOLECULAR ATOMIZATION ENERGY ESTIMATION	Python		Nov 2021

- Dataset on molecule ground state energy provided from quantum mechanical simulations
- Utilized multilayer perceptron neural network to predict atomization energy of molecules
- TensorFlow with Keras, for model building and matplotlib, NumPy and pandas for data handling

COVID-19 MORTALITY PREDICTIONS	Python		Oct 2021

- Used CDC dataset and an offline linear regression algorithm to make basic predictions
- Developed process to test and select the best performing model, based on covid-19 deaths
- Utilized Pandas, NumPy, matplotlib and scikit-learn

PL/0 LANGUAGE SIMPLE VIRTUAL MACHINE & COMPILER	C		July 2021

- Developed virtual machine to run machine code generated by compiler, supported 32 operations
- Compiler consisted of three components, lexical analyzer, parser, and code generator
- Parser utilized a top-down recursive descent approach

Activities

Society of Hispanic Professional Engineers and UCF Cycling Knights Club	September 2021-Present

- Participated as member in club meetings and attended club activities

Brevard Mountain Bike Association	September 2019-Present

- Participated in group rides, participated in group trail maintenance day