Wyatt Hansen

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OBJECTIVE

Seeking Software Engineering internship for Summer 2021.

EDUCATION

Texas A&M University, College Station, Texas   Expected Graduation: December 2021
Bachelor of Science in Computer Engineering
Minor in Cyber Security, and Mathematics
Distinguished Student
Cumulative GPR: 3.26

Lone Star University, Kingwood, Texas   Graduated: May 2017
Associate of Arts
Cumulative GPR: 3.78

EXPERIENCES

Arrington Automation, Houston, Texas   August 2018 – August 2019
Engineering Intern
- Assisted engineers on automation projects for largescale industrial manufacturing facilities.

Genesis Dimensions, Houston, Texas   Summer 2017 & Summer 2020
Engineering Intern
- Assisted engineers throughout the process of R&D for a large-scale 3D Printer using industrial robots and newly formulated materials by in-house material scientist.

SKILLS

- Proficient in C/C++
- Competent in Python, MatLab, Java
- Database Experience with Postgresql
- Front End Development with Flask
- Agile and Waterfall Development
- Understanding of Software Lifecycles

COURSES & INTERESTS

- Data Structures and Algorithms
- Software Engineering
- Artificial Intelligence
- Robotics
- Machine Learning
- Embedded Systems Development

PROJECTS

Memory Allocator
- Implementation of a buddy-system memory manager that allocates memory in blocks for programs to use accordingly

Client-Server Channel Communication
- Deployed a client program that connects with a data-server over a communication channel to transfer request packets.

PROFESSIONAL ORGANIZATIONS & ACTIVITIES

Texas A&M Datathon (Data Science Hackathon), Team of 4   Fall 2019
- Successfully implemented an artificial neural network for Conoco Phillips that predicted where a drilling failure would occur with 99.3% accuracy against test datasets. (Python, TensorFlow, Keras)
- Launched demo through online web app that allowed the customer to utilize the model that was trained on their own data. (HTML, CSS, Python Flask)

Aggie Coding Club   August 2019 – January 2020
- Student led programming group that focuses on projects, team building, and professional development.

BUILD   January 2017 – December 2019
Design Command Team Leader & Construction Command Team
- Philanthropist student led group that constructs Medical Clinics for third-world countries.