

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

July 2017 – August 2017, & July 2020 – August 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

COURSES & INTERESTS

- Proficient in C/C++
- Competent in Python, MatLab, Java
- Experienced in 3D Printing
- Certified Autodesk Draftsman
- Proficient with CAD and CAM Software
- Experienced with Manual Lathe and Mill

- 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

Micro-Mouse Maze Solving Robot

Present

Project Lead

- Design, built, and optimized an autonomous robot to traverse a maze.

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.