

Frank N. Stein
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Education

East Carolina University, Greenville, NC May 2022
Bachelor of Science in Engineering
Concentration in Mechanical Engineering
GPA: 3.52
Relevant Coursework: Advanced Engineering Thermodynamics, Solid Mechanics, Engineering Fluid Mechanics, Engineering Economics, Engineering Heat Transfer, Quality Control for Engineers

Skills

AutoCAD	Simulation Software
MATLAB	Microsoft Office Suite
macOS	Microsoft Visual Basic
Revit	Circuit Analysis
AFT Fathom/AFT Arrow	Finite Element Method

Relevant Experience

Siemens, Wendell, NC June 2021-August 2021
Mechanical Engineering Intern

- Designed 3D models of copper and sheet metal assemblies with AutoCAD to create resource efficient facilities for customers
- Estimated material costs to produce supply orders and stay within an allotted budget
- Diagnosed and resolved engineering issues with the factory manufacturing team to maintain equipment safety and quality control

Robotics System Design, East Carolina University January 2021-May 2021
Electromechanical Systems Design

- Installed motion sensors and actuators to control electromechanical systems to generate a flow of internal and external electricity
- Implemented a motor control program to facilitate the control of various systems by using AutoDesk design software
- Analyzed data and control designs to decrease signal conditioning time and other dynamic processes

Additional Experience

The Blackened Kraken Bar & Grill, Server November 2020- Present

Campus Involvement

Future Engineers of America, Member September 2021- Present
Club Baseball, Member August 2018- March 2020

