

Devon Ding

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US Citizen

PROFILE AND OBJECTIVE

I am a masters student studying Systems Engineering with skills in Machine Learning, Big Data analysis, Deterministic Systems Optimization, and Advanced Statistics, and I welcome the chance to learn from senior data scientists in solving real world problems.

SKILLS

R, programming and analysis	Python	Big Data Analysis
Statistical analysis, Minitab	Linear Programming Formulations	Inventory and Production Models

EDUCATION

M.S. Systems Engineering • Projected Graduation Date December 2022 • **University of Rhode Island**
GPA: 3.80

Classes:

Quality Systems
Advanced Statistical Methods for Research & Industry
Production Control and Inventory Systems
Deterministic Systems Optimization
Big Data Analysis
Multivariate Statistical Learning

B.S. Engineering Mechanics • May 2014 • **University of Illinois at Urbana-Champaign**
Secondary Field - Mechanical Systems

Emphasis: Mechanical Design, Finite Element Analysis, Mechatronics

WORK EXPERIENCE

Davis-Standard LLC
Mechanical Engineer

Pawcatuck, CT
August 2017-August 2021

- Developed analytical models of machines and performed engineering calculations
- Brought machine assembly and components from concept to design to production

Belvac Production Machinery Inc.
Mechanical Engineer II

Lynchburg, VA
May 2014-August 2017

- Collected and analyzed data from machine testing
- Created technical bulletins and product manuals

RESEARCH EXPERIENCE

University of Illinois –Department of Mechanical Science and Engineering
Undergraduate Research Assistant

Champaign, IL
May 2013-August 2013

- Designed heat exchangers for Microfluidic channels
- Built theoretical models for viscous fluid flow and gas-liquid-solid heat exchanges