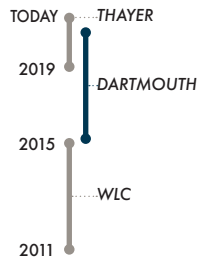


SHANNON ROPP

ENGINEERING // DESIGN

EDUCATION



THAYER SCHOOL OF ENGINEERING

HANOVER, NH
MARCH 2020
BACHELOR OF ENGINEERING
FOCUS: MECHANICAL ENGINEERING
G P A : 3 . 2 2



DARTMOUTH COLLEGE

HANOVER, NH
JUNE 2019
BACHELOR OF ARTS
ENGINEERING SCIENCES MAJOR
HUMAN-CENTERED DESIGN MINOR
G P A : 3 . 3 2

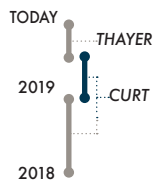


WALLED LAKE CENTRAL HIGH SCHOOL

WALLED LAKE, MI
JUNE 2015
HIGH SCHOOL DIPLOMA
TOP 10% OF CLASS
GRADUATED WITH HONORS
G P A : 4 . 1 3



WORK



THAYER SCHOOL OF ENGINEERING

TEACHING ASSISTANT
CURRENT
COURSE: DISCRETE & PROBABLISTIC SYSTEMS
AID STUDENT LEARNING
EVALUATE COURSEWORK

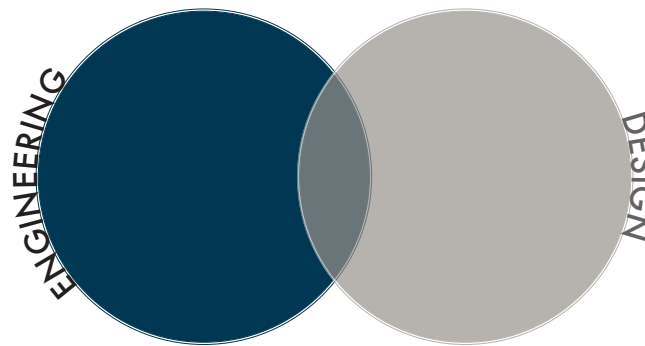
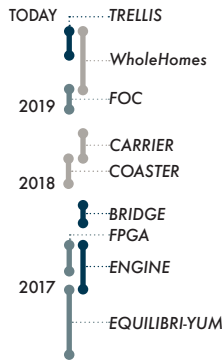
CURT GROUP

PRODUCT ENGINEERING INTERN
JUNE 2019- SEPTEMBER 2019
CREATED TRAINING DOCUMENTATION
PRODUCT LIFESPAN PROJECTION
AUTOMATED PRODUCT LOGS

CURT GROUP

TEST AND VALIDATION ENGINEERING INTERN
JUNE 2018 - JUNE 2019
INNOVATION PROJECT MANAGEMENT
TEST FIXTURE DESIGN
CONCEPT VALIDATION

PROJECTS



- CANTILEVER BRIDGE
- TINY HOUSE TRELIS
- STIRLING ENGINE
- EQUILIBRI-YUM
- FOOD ON CAMPUS
- FPGA WITH ULTRASONIC SENSOR
- CARRIER CRANE
- ROLLER COASTER
- WholeHomes

AWARDS

- **ECAC ALL-ACADEMIC:** 2016, 2017, 2018, 2019
- **'UNSUNG HERO':** 2017-2018, 2018-2019
- **ACADEMIC ALL-AMERICAN:** 2014, 2015
- **ALL-STATE & LACROSSE SENIOR CAPTIAN:** 2015

INTERESTS

- (MON-WED) **SOLVING CROSSWORDS** ■
- (COMEDY) **LISTENING TO PODCASTS** ■
- (NCAA DIVISION I*) **PLAYING HOCKEY** ■
- (DIGITAL AND PAPER) **DRAWING** ■

SKILLS



COMPUTER
JAVA, C, MATLAB,
SOLIDWORKS, SKETCHUP,
MICROSOFT OFFICE, INDESIGN,
XML DESIGN, ALTAIR

TECHNICAL
ANALYTICAL PROBLEM
SOLVING, APPLICATION
DEVELOPMENT, DATA
VISUALIZATION

SOFT
COLLABORATION,
ADAPTABILITY, WORK ETHIC,
FLEXIBILITY, TIME
MANAGEMENT, OPENNESS