
LEXIE KIRSCH



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OBJECTIVE

Seeking opportunities to merge design, engineering, and user understanding to develop beautiful and intuitive products and interfaces that solve real problems.

SKILLS

Design: SketchUp, Sketch
CAD: AutoCAD, Inventor, REVIT,
3ds Max
CS: HTML, CSS, JavaScript, C++
Stats: SPSS, R, SAS

INTERESTS

Tiny homes, smart homes,
logic puzzles, word games,
billiards, biking, hiking, skiing

EDUCATION

B.S. HUMAN FACTORS ENGINEERING / EXPECTED MAY 2018 TUFTS UNIVERSITY

GPA: 3.56, Dean's List, Honor Society member

Courses: Advanced Engineering Psychology (A),
Computer Aided Design (A), Human-Machine System Design (A),
Human Factors Product Design (A-)

PROJECTS

SIT STAND STORAGE STATION

- Designed and constructed a sit-stand workstation with storage shelving to improve productivity for college students.

ESCAPE MY ROOM ANIMATION

- Modeled my bedroom at Tufts using AutoCAD and applied materials using 3ds Max.
- Animated first-person view of someone "escaping" the room.

PROJECTILE LAUNCHER

- Designed a human-machine system, using two Lego Mindstorms controllers, that launched a projectile 1-2 meters away.

TINY HOUSE

- Designed a Tiny House with SketchUp (Lynda online course).

USER INTERFACES

- Developed UI mockups for a coffee dispenser, headphone website, robotic cat app, passenger-drone screen, and RedSox game tablet.
 - Conducted user-testing to refine RedSox tablet.
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EXPERIENCE

RESIDENT ASSISTANT (RA) / TUFTS UNIVERSITY

Fall 2016 – Spring 2017

- Designed and implemented monthly educational, social, and passive programs and materials.
- Collaborated with team of 5 RAs to create safe, cohesive community for dormitory of 220 students.
- Served as a resource and personal support for 42 residents.
- Developed leadership skills through conducting informational meetings for 42 residents.