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

CS: HTML, CSS, JavaScript, C++

Stats: SPSS, R, SAS

INTERESTS

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

EDUCATION

B.S. HUMAN FACTORS ENGINEERING / *EXPECTED MAY 2018*
TUFTS UNIVERSITY
GPA: 3.51, Dean's List, Honor Society member

Human Factors is about user-centered design. By understanding the user—their goals, capabilities, and limitations—I can design a product or an environment that is best suited for them. This focus not only improves safety but also optimizes performance.

Courses: Human-Machine System Design (A), Human Factors Product Design (A-), Industrial/Organizational Psychology (A-)

PROJECTS

- Designed a human-machine system, using two Lego Mindstorms controllers, that launched a projectile 1-2 meters away.
- Designed a Tiny House with SketchUp (Lynda online course).
- Developed UI mockups for a coffee dispenser, headphone website, robotic cat application, passenger-drone screen, and a (user-tested) handheld tablet for RedSox fans during games.
- Designed a worksheet to help users design an ergonomic desk chair that is customized to their anthropometric specifications.

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.

ACTIVITIES

TUFTS HUMAN FACTORS AND ERGONOMICS SOCIETY
Fall 2015 – Present

- Advised undergraduate students about course enrollment.