

BERTHA KUO

RELEVANT SKILLS & COURSES

HTML5/CSS/Javascript, Omnigraffle, Axure

Wireframing, Personas, Usability Testing, User Research

Front End Web Development Course (General Assembly), User Experience Course (General Assembly)

Human Computer Interaction Course (Stanford University via Coursera)

EXPERIENCE

Human Factors Specialist: UL-Wiklund R&D

1/13 – 1/14

- Supported usability testing of home-use and hospital-based medical devices including exploratory testing of early UI concepts/prototypes and large-scale validation testing for FDA approval
- Performed root cause analysis and translated findings into design recommendations

Systems Engineer: Life Technologies

3/11 – 3/12

- Designed, wrote, executed and presented test plans for validation and verification of automated bead preparation system
- Supported field service engineers to diagnose and resolve customer issues

Systems Engineer: Life Technologies

12/09 – 10/10

- Validated part design changes by compiling & analyzing performance data
- Diagnosed and troubleshoot next generation DNA sequencing instruments. Consistently achieved monthly qualification quota.
- Trained new employees and supervised their progress
- Maintained appropriate documentation for error tracking system

Researcher: Orthopedic Research Dept, UC Davis Medical Center

6/07 - 2/09

Investigated the affect of substrate stiffness on Sclerostin regulation and cell shape in mature-osteoblastic cells

- Delivered presentations explaining research and results. Anticipated and addressed concerns during Q&A sessions with doctors, scientists, technicians and students.
- Developed and maintained relationships with multiple labs. Saved time and money by sharing specialized knowledge, skills and equipment.
- Researched current trends in the field on a weekly basis. Applied acquired knowledge to improve experimental design.
- Wrote abstract that was accepted to annual Orthopedic Research Society conference
- Evaluated data using regression analysis

EDUCATION

B.S. Biomedical Engineering, June 2006

University of California Davis

Graduate Cum Laude, GPA 3.45/4.0