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"The New Evaluation and User Experience (VUE) Lab Seeks a Student to Evaluate Technology that can Conduct Mobile Testing"

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No previous RCEU participation

Project Summary– The new Evaluation and User Experience (VUE) lab seeks a student to evaluate technology that can conduct mobile testing. The student will participate in a usability test of mobile content but will also evaluate the capabilities, strengths, and weaknesses of existing technologies for conducting mobile user experience (UX) testing. Ultimately, this project will result in software requirements that future students can use to design a specialized tool for conducting mobile UX testing.

Student Prerequisites– Students interested in this project should have some background in usability/user experience, technical writing, and research. Interested students do not need to previously know any particular technology or software programs, but they should be interested in technology and capable of learning and evaluating new technologies quickly. The student should have a strong ability to work independently and conduct primary and secondary research. Completion of EH 301: Technical Writing as well as coursework in research methods, English, communication arts, computer science, design, psychology, or other related fields is a plus.

Student Duties– The student will produce the following deliverables as part of this RCEU project:

- A research plan for evaluating mobile testing technology
- A research report summarizing the capabilities and usability of existing mobile UX testing technologies
- A recommendation report describing desirable features of a mobile UX testing tool
- A requirements document for a new mobile UX testing app

This project presents the student with an opportunity to learn about user experience testing and technology development. The student will take an active role in developing a complex, exciting, multi-faceted research project that could involve usability testing, user focus groups, surveys, and interviews, and expert reviews. This project provides a great opportunity for students pursuing careers in technical writing, user experience, or software development. Ultimately, the student's work will contribute to the development of a new UX testing tool native to UAH, so the student will influence future research at UAH and other institutions.

Mentor Supervision and Interaction – The student and supervisor will meet regularly to plan the research project and monitor the progress of the research. The supervisor will provide consistent feedback and guidance on the student's work and progress. The student will have the opportunity to work in UAH's new and growing VUE lab. The student will likely work not just with the faculty supervisor but with other RCEU students and faculty supervisors as they develop and conduct a usability test involving mobile technology.