LAUREN ADAMS

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Highly motivated and accomplished student seeking a User Experience (UX) / User Interface (UI) Designer Internship, looking to utilize skills and experience in UI, UX, interaction, and visual design, prototyping, and cross-platform design during a summer 2024 internship.

EDUCATION

Bachelor of Science in Biomedical Engineering University of Texas at Austin

Class of 2025
- 4.0 cumulative GPA
- Elements of Computing and Pre-Health Professions Certificates
- Honors & Awards: Engineering Honors student, 2023 Honors Day Distinguished College Scholar
- Relevant Coursework: Software Engineering I & II, BME Design Labs 1-3, Numerical Methods, Signals & Systems, Calculus 1-3, Biomechanics

EXPERIENCE

Biotex Inc. Product Development Intern

May 2023 – Present
- Designed high-fidelity prototypes in Figma for manufacturing execution system (MES), e-commerce, and human resources software platforms.
- Conducted user research and usability testing to iterate and refine designs, resulting in an improved UI/UX experience for hundreds of users.
- Worked in an agile development environment, participating in sprint planning, design reviews, and providing ongoing design support.
- Collaborated with developers to ensure successful implementation of design concepts and rigorously quality tested webpage prototypes.

Wang Lab Group Lab Assistant

January 2022 – September 2022
- Conducted optogenetic neurosurgery on rodent models to research treatments for Parkinson's disease using deep brain stimulation.
- Experimented with non-viral gene delivery vectors and PEGylated RNA segments to increase opsin expression in Hep-2 cells.

UT University Writing Center Technical Writing Consultant

January 2022 – May 2023
- Provided personalized writing consultations by offering guidance on research papers, class essays, application materials, and creative projects.
- Directed the Writing Center's Engineering Department by specializing in technical and STEM writing, hosting technical writing trainings for other employees, and authoring writing handouts for students.

UT Engineering Student Services Tutor

January 2023 – May 2023
- Delivered exceptional one-on-one and group tutoring sessions, specializing in organic and general chemistry concepts.
- Maintained a strong record of helping students achieve significant academic progress, evidenced by improved test scores and performance.

TECHNICAL SKILLS

UI/UX Design: Figma (prototype, wireframe, interaction, & visual design), FigJam (task & user flow design), Balsamiq, Procreate, Vectornator
Programming: Python, C++, Java, HTML, CSS, JavaScript, Git, Linux, MATLAB, SQL, PostgreSQL, R, SolidWorks & Fusion360 CAD modeling
Laboratory: Stereotactic neurosurgery techniques, animal handling, cranial drilling, eukaryotic cell culturing (3T3), PCR, serological pipetting & micropipetting, syringe injection, gel electrophoresis, light & fluorescence microscopy, vertebrate dissection
Other: Microsoft Office Suite, Adobe Lightroom, Point of Sales Associate, Certified Food Handler

PROJECTS

Interactive Mobile & PC Website Prototyping Project
- Completed a personal project focused on developing fully interactive mobile and PC website prototypes for a skincare brand using Figma.
- Designed end-to-end product design solutions and a user-friendly and visually appealing high-fidelity e-commerce website design.
- Documented the design process, rationale, and personas, displaying proficiency in UI/UX design principles and responsive design techniques.

Maternal & Fetal Wearable ECG Companion App Design
- Utilized Figma to design high-fidelity wireframes, focusing on intuitive navigation, excellent visual design, and accessibility for new mothers.
- Adhered to native mobile (iOS/Android) standards and applied these design systems to app feature ideas.
- Developed task, user, and interaction design flows to anticipate various user scenarios and ensure the user experience is clean and seamless.

Full-Stack Esports Website Development
- Managed a full-stack website development project, using Figma, HTML, CSS, and Bootstrap to design and build a responsive and appealing UI.
- Implemented a robust backend using Python's Flask framework and integrated it with a PostgreSQL database to manage data storage and retrieval efficiently, and leveraged a RESTful API to enable seamless communication between the frontend and backend.
- Worked as part of a team to employ best practices in web development, including version control with Git, to streamline collaboration.

EXTRACURRICULARS

The Austin Alt Protein Project Co-Founder
- Successfully organized and led meetings dedicated to raising awareness of alternative protein technologies and initiatives across campus.
- Collaborated with researchers, industry experts, and sustainability advocates to organize events, including panels, discussions, and workshops.

Tau Beta Pi – Texas Alpha Chapter Active
- Dedicated member of prestigious engineering honor society TBP, contributing to its mission of academic excellence and community service.
- Engaged in various acts of service around Austin, raised awareness of engineering opportunities, and connected with engineering professionals.