Mimi Pomephimkham

mimi.p96@gmail.com ◆ (909) 569-2326 ◆ Houston, TX

TECHNOLOGIES & SKILLS

- **Software:** Figma, HTML, CSS, JavaScript, Typescript, Python, Java, C#, R, SQL, SPSS, Git, GitHub, Visual Studio Code, Microsoft Office, Miro, Canva, Jira
- **UI/UX Design:** User Research, User Interface, Wireframing, Prototyping, Interviews & Research, Usability Testing, Affinity Mapping, Mock-ups, Design Thinking, Accessibility Design, Iterative Design Life Cycle, Agile Methodology, Qualitative & Quantitative Research, Problem-Solving, Communication Skills, Software Development Life Cycle

EDUCATION

Georgia Institute of Technology | Atlanta, GA   **January 2024 - Present**
M.S in *Computer Science*, Specialization: *Human-Computer Interaction*

University of California, Merced | Merced, CA   **May 2019**
B.S in Biology, Ecology and Evolution

WORK EXPERIENCE

Graduate Student   **January 2024 - Present**
Georgia Institute of Technology
- Designed an enhanced Telegram messaging platform feature utilizing wireframing, prototyping, and gathering user feedback from 25+ survey participants, resulting in a 20% increase in user satisfaction.
- Created and integrated findings from user interviews, 25+ survey respondents, and analyses to iteratively develop and refine an improved interface for an online grocery shopping platform.
- Collaborated with a cross-functional team to design and develop an interface for a weather station device, catering to the needs of UAV pilots and pedestrians.

Research Associate II   **February 2022 – February 2023**
PTC Therapeutics
- Performed molecular and biochemical activities involving transformation and cloning methods on enzyme/protein functions and mechanism of action studies.
- Supported projects by helping generate and analyze data using GraphPad Prism, maintained cell culture, and transfections, and developed protocols for compound screening and drug development for clinical trials.
- Contributed to laboratory management, organization, inventory, followed SOPS, and trained new members.

Teaching Associate   **August 2019 – May 2021**
San Jose State University
- Managed and supervised two laboratory sections of 24 students each for Introduction of Biology.
- Instructed Biostatistics class using SPSS software and provided constructive feedback to students.
- Assisted with molecular techniques, lab experiments, presentations, and office hours for both sections.

RESEARCH EXPERIENCE

Researcher   **August 2019-May 2023**
San Jose State University
- Developed statistical model of the genus, Ribes through analyzed biological data via R/R Studio.
- Data-mined around 600 Ribes species for metadata and analyzed morphological traits to determine patterns.
- Conducted a study on climate data and Ribes species using GBIF species occurrences and WorldClim bioclimatic variables.

Research Assistant   **May 2018-May 2019**
University of California, Merced
- Investigated plant root traits and functions in response to spatial water and nutrient dynamics variability.
- Analyzed spatial distribution of rhizosheath and root biomass from greenhouse pot experiment for data collection.
- Cared for 537 monkeyflower plants in a resurrection grow-out project which resulted in 90% germination.
- Collected, reviewed, and organized a storage database of around 200 plants during a fieldwork expedition.

ACTIVITIES

- **Activities:** Team Member of AccessCORPS, Director of Human Resources for HackMerced, Crew Leader for Bright Prospect Program