Noor Alyasiri

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Education

- **University of Texas at Arlington** — Arlington, TX
  Bachelor of Science in Software Engineering; GPA: 3.354/4.0 — *Aug. 2019 – May. 2023*

Experience

- **Above and Beyond Studios, Inc.** — Boston, MA
  UX/UI Design Intern (Remote) — *Sep 2022 - Present*
  - **Browser Extension Figma Redesign**: Contributing to the ShopFreedom Browser Extension redesign. Creating Lo-Fi, Medium, and Hi-Fi wireframes using Figma. Conducted research on competitor browser extensions and presented findings.
  - **User Testing**: Created a UX Testing Playbook for company usage. Curated emails suitable for Browser Testing. Will be conducting user testing interviews using competitor browser extensions in the near future.
- **Electrolarynx Redesign** — Arlington, TX
  Senior Design Software Engineering Student — *Aug. 2022 - Present*
  - **Project Description**: Tasked with creating a system that can detect what a user is saying and converting that output to a reproduction of their original voice in real time. Provide modulated pitch and amplitude to update the existing electrolarynx technology.
  - **Team Lead/Project Management**: Responsible for managing the Computer Science Engineering team and working alongside the Biomedical Engineering team. Agile Methodology utilized. Jira is used for sprint cycles and product backlog tracking.
  - **Documentation**: Project Charter, System Requirements Specification, Architectural Design Specification
  - **Application**: Creating a React Native Application for the patient to use in tandem with the redesigned electrolarynx. Development still in progress. Features such as bluetooth connectivity, text to speech, vocal indicator, and electrolarynx battery life are to be included in the app.
- **UTA Research Institute** — Arlington, TX
  Research Intern — *Jan 2022 - May 2022*
  - **Project**: Worked on the "Design and Manufacturing of Ultralight Lattice Metamaterials Inspired by Nature"
  - **Award**: Received first place for undergraduate research projects at the University Innovation Day 2022
  - **Research**: Gained knowledge/familiarity with Machine learning and its application to real-world problems. Observed trained neural networks using Python, TensorFlow (Keras and Pandas). Received introductory training to SLS Printers and post-processing of 3D Printed objects

Projects

- **Car Rental Database (April. 2022 – May 2022)**: Utilized SQLite3 and MySQL Workbench for the creation of the database tables and queries. ER diagrams created using LucidChart. Python and VS Code were used to create and run the GUI, as well as various complex queries.
- **University Food System App (Aug. 2021 - Dec. 2021)**: Application was created using Java/Android Studio. SQLite was used for the database.UML experience using LucidChart. Industry-standard templates were used for the SRA and Test Plans (documents available upon request). Worked on coding the "login and registration", "review and rating" screens.Worked on wireframing and creating the user interface for the app (sample screens available upon request)

Programming Skills

- **Languages**: Python, HTML, CSS, Javascript, SQL
- **Technologies**: Figma, InVision, LucidChart, Android Studio, MySQL Workbench

Technical Skills

Technical writing, MacOS, iOS, Fast typing (78 wpm), Bilingual, Cross cultural competence, Creative outlook, Analytical problem solving, Detail oriented, Ability to work under pressure, Ability to self-teach, UML, ER Diagrams, Wireframes, Leadership and Team management, UI/UX, Github, WebFlow