ALEXIS M. DANZ

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EXPERIENCE

Microsoft – Redmond, WA   June 2022 - Present

Lead Software Engineer

- Led front-end engineering for Designer, a web application that leverages the DALL-E model to generate images from natural language inputs, reaching over 3 million daily users.
- Collaborated with the Copilot team to integrate Designer, paving the way for an additional 800K daily active users.
- Consulted Skype and SwiftKey teams to enable Designer within their app, allowing over 100 million new users to access Designer.
- Achieved a 28% increase in user sign-up rate and a 15% decrease in bounce rate by engineering a one-click "sign-up and create" flow for new users.
- Boosted internal accessibility score from a D to an A by applying best practices for screen-readers, keyboard navigation, color contrast, focus traps, and more.
- Transformed the UX/UI of the 'related content' section and text ads on the image details page by using user feedback and conducting A/B testing, resulting in a $10 million increase in revenue.
- Applied German language and cultural expertise to support Responsible AI and legal teams in achieving compliance with hate-speech laws and cultural sensitivity in Germany.
- Worked with M365 Copilot to enable Designer, providing increased privacy and shorter image TTL times for business consumers
- Transformed the team's documentation standards by migrating from Microsoft OneNote to markdown files, enhancing access, search, and compactness.

Jack in the Box – Remote, USA   May 2023 - December 2023

Consulting Software Engineer

- Consulted on accessibility engineering to improve Jack in the Box's mobile and web app.
- Enhanced the user experience of over 160K daily visitors by resolving 90+ accessibility issues with JavaScript, React, and HTML/CSS.
- Collaborated with design team to create accessible UX designs with clear color-contrast and screen-reader/keyboard navigation support.
- Designed and proposed a testing infrastructure that leveraged visual parity tests to detect and prevent any UX/UI regressions or changes.

SKILLS

Languages & Frameworks: JavaScript, C#, HTML, SCSS, LESS, CSS, React, TypeScript, Java
Design: Figma, Accessibility, Product focused, UX architecture and Design, Storyboarding
Research: A/B Testing and Experimenting, Personas, UX research
Miscellaneous: Responsible AI, German language fluency

ASK ME ABOUT

Himmel
• An app that takes weather data and provides a sunrise/sunset score prediction based off of a neural network
Thermocoagulator Simulator App
• Android app designed for a medical coalition that simulates the use of a thermocoagulator probe device for cervical cancer

EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC   May 2022

Computer Science, B.S.