Star Doby

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Education

Stanford University *BS, MS in Computer Science (HCI)* *Sept 2019 – March 2025*

- **BS Coursework:** Web Applications, Design and Analysis of Algorithms, Computer Systems, Human-Computer Interaction, Social Computing
- **MS Coursework:** Data Systems, Data Visualizations, Human-Centered Product Management, Visual Design

Work Experience

Stanford Course Assistant *Stanford, CA*
CS 147 (Fall 2023, 2024) Introduction to Human-Computer Interaction *Sept 2023 – Mar 2025*

- Provided design and implementation feedback for 5-6 teams at a time, quarter-long front-end projects (React Native, Expo Go, FireBase)
- Taught weekly, two 90 min design studios for rapid prototyping, iteration, testing, feedback presentations
- Hosted course-wide design expo and ran website for course

CS 278 (Spring) Social Computing

- Provided design and implementation feedback for student quarter-long projects involving crowdsourcing systems and moderation

CS 129 (Winter) Applied Machine Learning

- Hosted office hours for simple review of supervised and unsupervised learning ML algorithms

Product Design Intern *San Mateo, Remote*
B-Stock Solutions *June 2023 – Aug 2023*

- Collaborated with a cross-functional team to design various features for new B-Stock website.
- Developed innovative ideas for potential future Minimum Viable Products (MVPs).
- Presented a compelling pitch to the company, advocating for the implementation of a new feature concept.
- Leveraged expertise in utilizing the latest features in Figma (e.g. auto-layout, variables), streamlining the design process and design operations.

Publications

Mapping Indigenous History: Visualizing Changes in Cherokee Land Oct 2021
Constance Owl, ***Star Doby*** (QGIS) CESTA Research Anthology 2021, pp. 37 ⬈

Projects

Cute Queue *stardoby/cute-queue* ⬈

- Developed frontend for computer science office hours queue platform that scaffolds students requests, improves communication between staff and students, and enhances visual design
- Tools Used: Typescript, Tailwind CSS, Figma

Amazon Accessibility ShopBot *stardoby/shop-bot* ⬈

- Developed front-end for ShopBot Google Chrome plug-in
- Designed to reduce unwanted clicks when searching through Amazon results for people with hand tremors (Parkinson's)
- Tools Used: JS, HTML/CSS, Figma

Stanford Digital Design Challenge *2021-present*

- Designed and pitched Virtual Community Board, a platform for high-school students to find enrichment events and opportunities happening in their school and larger community
- Tools Used: Figma

Technologies

Languages: JavaScript, Typescript, React JS, Node JS, HTML/CSS, Tailwind CSS, SQL, Python, C++

Technologies: VS Code, Linux, Sequel Pro, Jira, GitHub, Figma