

Xindi Xu

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EDUCATION

Columbia University @ New York, NY

Expected Dec 2022

MS in Computer Science, Concentration in Software System, GPA 4.0/4.0

University of Texas at Austin @ Austin, TX

Aug 2016 – May 2020

BS in Advertising, GPA 3.8/4.0, Minor in Computer Science, GPA 4.0/4.0

EXPERIENCE

Pingboard @ Austin, TX – Software Engineer

Jun 2020 – Jun 2021

- Delivered intricate and performant full-stack features with complex visual and interaction requirements for *Employee Networking* web app with React, JavaScript, Ruby on Rails, with thorough tests and documentations
- Prototyped complicated features to provide clearer estimates on risks and effort, then shipped polished versions - including syncing user-generated content with Slack, drag-n-drop sortable lists, and real-time multi-user editor with conflict resolutions
- Improved accessibility by designing applicable keyboard navigations and crafted UI animations for a native-like experience
- Boosted load speed by 10% via migrating legacy code incrementally, building 10+ single-page apps with best-fit design patterns
- Planned 5+ development plans, researched and adopted new technologies, resulted in releasing 5 days ahead of schedule

ProMazo @ Remote – Lead Front-end Software Engineer

Mar 2020 – Aug 2020

- Led a front-end team of 4 to implement designs for *Job Application Tracking* web app with React, Redux, AWS, and GraphQL
- Reengineered development process involving prototyping, code review, and QA and established infrastructure for standardized styling, interactive documentation, and testing, resulted in 70% reduction on user-facing bugs and crashes
- Mentored 2 team members on teamwork and software development, selected tasks reflects team's priority and skillsets
- Devised a scaffolding tool to generate template code for React components, Redux integration, and Storybook documentation based on user input with Node.js to reduce development time by 90%

Pingboard @ Austin, TX – Software Engineer Intern

Jun 2019 – May 2020

- Built accessible universal components used by 500,000+ active users, e.g input autocomplete, emoji picker, date-time picker
- Standardized add-on apps config page, created multiple frontend templates based on data models, saved hours of manual work
- Constructed robust APIs and search services to filter recruiting data and calendar events, boosted feature usage by 80%
- Redesigning employee management page, enabled searching, sorting, and bulk editing with state-action-reducer pattern

Nokia @ Austin, TX – Front-end Engineer Co-op

Sep 2018 – May 2019

- Improved UX with design-thinking methodology for *Nokia Demo System* and promoted UX/UI in Digital Experience business unit
- Built customer feedback and rating system with Django, PostgreSQL, Vue.js, collected 100+ reviews for future improvements
- Redesigning *Nokia Demo Center* website based on interview feedback, resulted in 400% increase in visits per month

SOFTWARE ENGINEERING PROJECT

Reservation System – React, Express, MongoDB, GraphQL, Elasticsearch, i18n

Jul 2020 – Present

- Iterate designs, prioritize features, and manage product roadmap based feedbacks collected from user workshops and interviews
- Design data model and software architecture, setup GraphQL and JWT authentication, craft search and autocomplete services
- Implement calendars with drag-n-drop events and feature to schedule all upcoming visits into available slots automatically

Easy ASCII Diagram – React, Socket, Node.js

Jul 2019 – Oct 2019

- Created real-time collaborative ASCII diagram tool allows export to plain text to facilitate technical communication
- Set up interactive components for complicated drawing, editing actions, optimized event flow to support multi-user collaboration

SKILLS

Front-end: JavaScript ES6+, TypeScript, React, Vue.js, Redux, Styled Components, HTML5, CSS3, SCSS, Socket, FramerMotion

Back-end: Ruby on Rails, Node.js, Express.js, Flask, Django, RESTful API, GraphQL, Elasticsearch, Java, OCaml, Python

Testing: Unit tests (Jest, RSpec), integration tests (React Testing Library), end-to-end tests (Cucumber, Testcafe)

Data: PostgreSQL, MongoDB, Jupyter Notebook, Big Query, Tableau

Languages: Native speaker of Chinese, proficient in Japanese