AARON ALEXANDER

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EDUCATION

University of North Texas   **Denton, TX**
BS in Computer Science, BA in Chemistry, Minors in Mathematics and Biology   *August 2021 – May 2024*
- **Cumulative GPA:** 3.98 | Awarded academic merit full-ride scholarship
- **Relevant Courses:** Software Engineering, Algorithms, Data Structures, Systems Programming, Computer Networking, Cybersecurity, Computer Architecture, Databases, Intro to AI, Computer Science 1 & 2

TECHNICAL SKILLS

- Skilled with React.js, JavaScript, C++, HTML, CSS
- Experienced with TypeScript, React Native, Next.js, TailwindCSS, REST APIs, Git/Github, Unit Testing
- Familiar with Ruby, Ruby on Rails, GraphQL, Jest.js, Cypress.js

EXPERIENCE

Zendesk   **Remote**
Software Engineering Intern   *June 2023 - Aug. 2023*
- Developed responsive frontend interfaces using React.js and TypeScript to enhance user interaction with the Zendesk Support platform, a large-scale system used by hundreds of thousands of users daily
- Programmed essential portions of the "Permissions" and "Standard Namefield" epics, resulting in notable enhancements in access control and user data management
- Integrated REST APIs through GraphQL queries and utilized Postman for testing/debugging, ensuring coordinated communication between frontend and backend systems
- Deployed code changes to production, effectively addressing bugs and introducing new features while upholding stringent version control and quality assurance standards through unit tests

Children's Health - Innovation Lab   **Denton, TX**
React Native Developer - Volunteer   *Oct. 2022 - Dec. 2022*
- Refined Gamify Parks, a digitally immersive app for kids with the goal of lowering obesity rates in children through physical activity
- Worked with a team of ~12 developers to update React Native code and incorporate Figma designs
- Programmed account creation flow and linked components to AWS amplify

Paycom   **Dallas, TX**
Technology & Software Development Engagement Program   *July 2022*
- Technical summer program training future software engineers through project-based workshops, industry panels, and intensive skill-development sessions
- Sessions covered React.js, SQL, PHP, C#, Git and GitHub, DevOps, Kotlin, application security

LEADERSHIP

UNT Computer Science Club   **Denton, TX**
Vice President   *April 2023 - Present*
- Transformed UNT's CS club from 7 to ~45 active members via strategic campaigns and engaging workshops
- Drove professional growth by mentoring members on job search strategies and equipping them with essential skills for interviews

PROJECTS

Personal Site   **Sep. 2023**
aaron-alexander.me
- Designed and developed a responsive personal site using Next.js, React Three Fiber, TailwindCSS, and JavaScript
- Engineered a secure and efficient custom API endpoint for the contact form, enabling users to send messages directly from the site through Nodemailer
- Established a robust CI/CD pipeline using Vercel for automated deployment and continuous integration

INTERESTS

Interests: Video editing, automotive work, weightlifting, chess, piano, personal finance, building computers, cooking