Ian Jackson

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Education

Bachelor Of Science, Computer Science   Denton, TX

University of North Texas   May 2026

Relevant Coursework:

- CSCE 2110 – Foundations of Data Structures
- CSCE 4350 – Fundamentals of Database Systems
- CSCE 3444– Software Engineering

Technical Skills

- **Languages:** HTML/CSS, JavaScript, Python, C++, C, SQL
- **Tools:** Git, Amazon Web Services, Firebase, ReactJS, NumPy, Pandas, XGBoost, NodeJS, PostgreSQL
- **Skills:** Data Structures and Algorithms, Software Development Lifecycle, Software Engineering, Web Development, Backend Development, Full-Stack Development, Cloud Services, Database Engineering, Agile

Experience

HackUNT 2024   Denton, TX

Webmaster   Jun 2024 - Aug 2024

- Developed the frontend of UNT's annual hackathon website using JavaScript, improving user interface and experience
- Constructed a responsive website for 250+ anticipated users utilizing React JS and Tailwind CSS
- Collaborated with graphic designers and webmasters to ensure cohesive design and functionality, resulting in a visually appealing and user-friendly website
- Developed website using AWS CDK infrastructure, gaining practical experience with cloud services

Shine Dental Care   Cedar Hill, TX

Receptionist   May 2021 - Jun 2023

- Collected and processed 200+ payments, ensuring accurate and timely transactions for improved customer satisfaction
- Entered data for 150+ patients using Dentrix software, maintaining accurate records to support efficient office operations
- Assisted clients both in person and via phone, providing excellent customer service to enhance client satisfaction and retention

Projects

Real-Time Chat Application   Apr 2024

- Developed a real-time chat application that allows users to send and receive messages instantly.
- Implemented user authentication using Firebase Authentication, enabling secure login and registration.
- Utilized Cloud Firestore for real-time data synchronization and storage of chat messages.
- Designed a responsive and user-friendly interface with Tailwind CSS and React JS, ensuring a seamless user experience across devices.

National Society of Black Engineers Hackathon   Oct 2023

- Developed an interactive chatbot using Chat GPT to provide real-time responses to user queries.
- Designed the front-end interface with HTML and CSS, ensuring a clean and user-friendly layout.
- Implemented the back-end logic in Python to handle user inputs and integrate with the Chat GPT API.