Leonardo Chen

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EDUCATION

University of Utah   Salt Lake City, Utah
Bachelor of Science in Computer Science (GPA: 3.8)   May 2025

EXPERIENCE

Blyncsy   Salt Lake City, Utah
Software Engineer Intern   May 2022 – August 2022

- Collaborated on creating detailed environment configuration documentation to onboard future developers, including dependency setup and instructions for Kubernetes and Google Cloud, reducing onboarding time by 70%. Deployed it using Docker and Kubernetes on Google Cloud.
- Enhanced website functionality by implementing new features with React, improving user experience and software performance.
- Improved Mitsubishi's maintenance targeting in Japan by 60% by developing an efficient data processor and visualizer using Python's GeoPandas library and clustering algorithms. Implemented a Python API to publish results to GeoServer, enhancing user experience and data organization.

Delinea   Lehi, Utah
Software Engineer Intern   June 2024 – August 2024

- Enhanced RPC API with optimized backoff strategies to prevent request overload, reducing resource usage by 40% using ASP.NET.
- Developed a background process for automatic Windows service configuration using Bash scripts.
- Collaborated on software design of a Windows Server and Kubernetes application, preventing security breaches through effective management of privilege access tokens and permission groups.
- Designed an internal API controller to securely provide private JWT tokens for Integrated Windows Authentication (IWA) using ASP.NET.
- Improved user experience by developing a Windows Service for Integrated Windows Authentication, incorporating a secure API for Windows credential verification using ASP.NET.

PROJECTS

Jobs Tracker (Web Application) | React, Express.js, MySQL, Docker, Prisma ORM, JWT, Web Scraping

- Developed software integrated with LinkedIn, helping multiple college students efficiently track their job applications.
- Designed and implemented a layered backend architecture using Express.js, MySQL, and Prisma ORM.
- Containerized and deployed the application using Docker on AWS EC2.
- Enhanced security with JSON Web Tokens (JWT).
- Implemented a web scraping module to extract relevant job information from LinkedIn pages.

Live TV Schedule (Mobile Application) | Go, Postgres, Docker, AWS, Jenkins, Nginx, GitLab, TypeScript, React Native

- Designed and developed a user-friendly UI using React Native and Styled Components.
- Developed a Go API with concurrent data management for optimized resource utilization.
- Deployed the server using Docker containers on AWS EC2 instances.
- Enhanced developer experience by implementing a fully maintainable CI/CD pipeline using Jenkins and GitLab runners.
- Improved resource efficiency by configuring Nginx for centralized TLS verification and request forwarding.

Chrome YouTube Extension (Chrome Extension) | JavaScript, Chrome API

- Enhanced the experience of hundreds of users by creating a Chrome extension to add essential functionality to YouTube Shorts.
- Efficiently tracked and managed YouTube videos and Shorts using the Chrome API.
- Deployed the extension to the Chrome Web Store, ensuring compliance with user privacy policies.

Other Skills

Software Development: Agile (Scrum and Kanban)

Languages: English, Portuguese, and Spanish