

# Darren Lim

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## EDUCATION

### National University of Singapore

August 2023 - June 2026 (Expected)

Bachelor of Computer Science (with Honours), GPA: First Class Honours

- Relevant Computer Science Coursework: Programming methodology I and II, discrete structures, data structures and algorithms, computer networks, information security, calculus for computing, linear algebra for computing

## TECHNICAL SKILLS & LANGUAGES

### Technical Skills

- React Native, Firebase, TabNet, Gradio, Microsoft Excel, Jest, Expo, Wireshark, Python NLTK, Vader, HTML, CSS

### Languages

- Python, Java, C, JavaScript, TypeScript, VBA, SQL

## WORK EXPERIENCE

### NUS Sheares Web

August 2024 - Present

Software Developer | Full-time

- Creating mobile and web applications for NUS Sheares Hall

### BizIQ Academy

April 2023 - May 2023

Finance Executive | Internship

- Streamlined course payments and deposits for SkillsFuture workshops with VBA and Skilleto

### Fairprice Group

January 2021 - March 2021

Retail Assistant | Contract

- Managed stock counts and shelving for shelved items and managed intaking and organising of incoming stores

## PROJECTS

### DarrnyDotCom

November 2024

Web Developer

- Used *HTML* and *CSS* to create a portfolio website

### Salary Management System

November 2024

SQL Developer

- Used *PL/SQL* to manage employee payrolls with distributed database implementation and data fragmentation

### Sentiment Analyser

November 2024

NLP Developer

- Used *NLTK* and *Vader Sentiment Analysis Tool* to create an analysis notebook for Amazon reviews

### Sheares App (NUS Sheares Web Project)

August 2024 - Present

Full-stack Developer

- Used *React Native* in typescript for the frontend
- Used *Firebase* for the backend and database

### Maritime Navigator

October 2024

Deep Learning Architecture Developer

- Trained the *TabNet Deep Learning Architecture* to generate a predictive model that generates maritime traffic levels based on factors like weather codes and wind speeds
- Used *Gradio* to link the backend to frontend

### BrainBuddies

June 2024 - August 2024

Full-stack Developer

- Used *React Native* in typescript for the frontend
- Used *Firebase Firestore* for the backend and database
- Used *Jest* to test the application

### Calculator

August 2024

Developer

- Used *React Native*, *Typescript* and *Expo*

### ToDoList

June 2024

Developer

- Used *React Native*, *Javascript* and *Expo*

## HACKATHONS

### CatalystX 2024 | Finalist

October 2024

### PSA Codesprint

October 2024