

# Da Chen

chendabruce@gmail.com | 785-571-3244 | Boston Massachusetts  
GitHub <https://github.com/dachen6> | LinkedIn <https://www.linkedin.com/in/dachen6/>

## SUMMARY STATEMENT

Computer Science graduate with a 3.94 GPA and Master of Science Candidate in Informatics. Strong background in database management, web development, and multiple programming languages with problem-solving skills to develop innovative technical solutions.

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, C#, SQL, HTML, C, React, python,  
**Tools:** Visual Studio, Google Firebase, Google Cloud, AWS EC2, Android Studio, Postman  
**Frameworks:** React Router v4, Elastic-search, Restful API

## EDUCATION

**Northeastern University**, Boston Massachusetts Sep 2023 – Aug 2025  
*Master Science in Informatics* GPA 3.8/4.0  
**Kansas State University**, Manhattan, KS Jun 2018 – Dec 2021  
*Bachelor of Science in Computer Science, minor in Mathematics* GPA 3.94/4.0  
**Selected Class:** Data and Program Structures, Object-Oriented Design, Testing Computer Architecture and Operat Database System, Intermediate Analytics

## WORK EXPERIENCE

**TDC Capital Inc, Irvine, CA** Apr 2022 – Feb 2023  
*Database/Web develop Intern*

- Using **MySQL** and **Java** built a database system for searching, inserting, and deleting real estate information thus saving 8 hours per week of manual reporting time
- Enhanced web page design and functionality using **C#**, **HTML**, and **JavaScript**, which improved lead conversion rates and optimized user experience.
- Utilized **AWS RDS** and various database types to analyze data with detailed decision-making reports for investors and agents

## PROJECTS

**Twitch+: A Personalized Twitch Resources Recommendation Engine** Mar 2023 – Oct 2023

- Designed and built a full-stack web application for users to search twitch resources (stream/video/clip) and get recommendations
- Built a webpage with a rich user-friendly experience in **React** and utilized **Ant Design**
- Implemented **REST** APIs using **Java servlets**, retrieved real Twitch resources using Twitch API and stored data in **MySQL**

**Tinnews: A Instagram -like News App** Feb 2023 – Match 2023

- Designed the Instagram Flavor News app based on Google Component Architectural **MVVM** Pattern
- Implemented the bottom bar & page navigation using **JetPack** navigation component
- Applied **Mindorks's PlaceholderView** to support swipe gestures for liking/disliking the news
- Integrated **Retrofit** and **RxJava** to pull the latest news data from a REST endpoint

**Farmers Market Information** Aug 2021– Dec 2021  
*CIS 625: Concurrent Software Systems. Professor Nathan Bean*

- Designed and implemented a **React**-based webpage to display agricultural product information with enhanced user interaction and accessibility.
- Developed a **Java**-based inventory system, enabling customers to update product information seamlessly.
- Established real-time database updates via JavaScript, ensuring accurate and timely data synchronization.

**Rental Agency Database** Aug 2020 – Dec 2020  
*CIS 560: Database System Concepts. Professor John Keller*

- Led a team of three to generate large amounts of test data with **C**, saving 10 hours of data modification time
- Developed interactive user interfaces for apartment searches using **JavaScript**, **React**, and **HTML**, enabling dynamic filtering by price, location, and size
- Designed and implemented a **MySQL** database to efficiently store and manage detailed information on attributive of apartments, customers, facilitating streamlined data, significantly enhancing data access and manipulation efficiency