

Pinwen Mu

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EDUCATION

Jun. 2023 - Aug. 2024 (Expected) Boston University (USA)

MSC, Software Development (current GPA: 3.93/4.0)

Courses: Advanced Programming Techniques, Data Structures and Algorithms, Database Design and Implementation for Business, Web Application Development, Information Structures with Python

Sept. 2016 - Jun. 2019 Nanjing University of Finance and Economics

MSC, Econometrics (Big Data)

Sept. 2012 - Jun. 2016 Nanjing University of Posts and Telecommunications

BSC, Microelectronics

SKILLS

- Languages: Python, Java, HTML, CSS, JavaScript, TypeScript, SQL, C#
- Databases: PostgreSQL, MongoDB, T-SQL
- Frameworks: React, Node.js, Bootstrap, .NET
- Tools: Git, AWS, Azure

PROJECT

Microsoft Student Accelerator 2024

TECH STACK: C#, TypeScript, React, Azure, .Net, GitHub, T-SQL

- Currently enrolled in the New Zealand Microsoft Student Accelerator (NZMSA) program, focusing on the Software Development track. Acquiring skills in C#, .NET, Azure, and other technologies.

Serverless Note App

TECH STACK: TypeScript, React, Bootstrap, AWS Services (Lambda, API Gateway, DynamoDB, Cognito, S3, CloudFront), Stripe, GitHub

- Developed a serverless, responsive web application for note-taking, utilizing React.js for the frontend and AWS services for the backend. Enabled user authentication, note creation, modification, and deletion with secure file attachments.
- Implemented a full-stack solution with secure, scalable APIs using AWS Lambda and API Gateway, ensuring data privacy and security with AWS Cognito. Utilized DynamoDB for efficient data storage and retrieval.
- Integrated Stripe for processing credit card payments and automated deployments through GitHub and Seed. Configured SSL with AWS Certificate Manager and custom domain hosting via Route 53, delivering the application over HTTPS for enhanced security.

Course Management System for CS Department

TECH STACK: Java, Gradle

- Developed a Java-based course management system for a university's CS department, using Gradle for automation and incorporating Singleton, Builder, Facade, and Composite patterns to streamline interactions and structure academic programs.
- Implemented Observer and Strategy patterns to enhance real-time notifications and GPA calculations, improving responsiveness and user engagement within the academic environment.

React Responsive Admin Dashboard

TECH STACK: HTML, CSS, JavaScript, React, Bootstrap

- Developed a responsive React dashboard for real-time visualization of retail sales and operational metrics. Integrated features for interactive analysis of sales trends, revenue, expenses, and customer behaviors over 24 hours. Provided insights into recent orders and patterns to support business decisions. Ensured an enhanced user experience across multiple devices.

Pomodoro-Workout Clock Database

TECH STACK: SQL, PostgreSQL

- Developed a SQL database for the "Pomodoro-Workout Clock" app, designed to improve focus and physical activity during work breaks. The database supports multi-user accounts, enabling group challenges and competitions to foster community motivation. It facilitates easy updates of content and efficient tracking of user progress and statistics.

EXPERIENCE

Jul. 2020 - Jun. 2023 CR Yuanta Fund Management Co., Ltd.

Senior manager of Institutional Sales

Nov. 2018 - Jun. 2020 Rongtong Fund Management Co., Ltd.

manager of Channel Sales

Apr. 2018 - Jul. 2018 Franklin Templeton Sealand Fund Management Co., Ltd.

Institutional Business Assistant (Intern)

REWARDS

- Third price of Contemporary Undergraduate Mathematical Contest in Modeling (2014)