

Henry Jin

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EDUCATION

University of Utah	Salt Lake City, UT	December 2023
Master of Software Development		
Brigham Young University-Idaho	Rexburg, ID	December 2017
Bachelor of Science: Financial Economics		

PROJECT EXPERIENCE

React Rental Platform (JavaScript, React.js, CSS, HTML)

Utilized languages and technologies to build a dynamic rental platform.

Learning Management System (C#/.NET, MySQL)

- Worked with a partner to implement the information storage, retrieval, and editing for a learning management system.

MSD Script (Java)

- Created basic mathematical scripting language interpreter and fuzzer. Also wrote up complete documentation for installation and use of the language.

Chat App & Server (Java, JavaScript, HTML/CSS)

- Full-stack development of a functional multi-threaded chat app like Slack with both a web and mobile (Android) interface.

Personal Profile Website (JavaScript, React.js, CSS, HTML)

- Developed an interactive and responsive personal portfolio showcasing skills, projects, and achievements.

Pizza Order Website (JavaScript, React.js, CSS, HTML)

- Designed a user-friendly platform for seamless pizza customization, order placement, and real-time tracking.

WORK EXPERIENCE

Goldman Sachs	Feb 2019 – Jul 2022
Risk Management Analyst	Salt Lake City UT

- Developed and maintained software tools to manage trade lifecycle events for various financial products, including Interest Rate Swaps and Structured Derivatives.
- Automated the oversight of payments up to \$300M on derivative transactions, reducing manual errors and enhancing efficiency.
- Implemented data cleansing algorithms and developed an Excel-based application for risk identification, boosting workflow efficiency by 80%.

Co. Fund Inc.	Aug 2017 – Oct 2018
Business Analyst	New York City, NY

- Developed VBA Macros and utilized Bloomberg to conduct 7 comprehensive due diligence marketing research across diverse sectors.
- Leveraged data analytics to pinpoint business opportunities in the Chinese market for US-based projects, particularly in the pharmaceutical and technology domains.
- Engineered 20+ detailed project briefs, highlighting market potential, technical innovations, and financing strategies, presented in both English and Chinese.

LEADERSHIP

The United States Army	Jun 2016-Present
Financial officer	Salt Lake City, UT

- Analyzed and audited more than \$4 million in expense recommending a reconsolidation of government contract to reduce costs by 39%.
- Developed spreadsheet models for diverse projects and analysis.

LANGUAGES

- Java
- C++
- C#/.NET
- Python
- JavaScript - Vanilla, React, Node.js
- SQL, MySQL,
- HTML
- CSS

PROGRAMMING EXPERIENCE

- Object-Oriented Programming (OOP)
- Data structures
- Algorithms
- Android development -MVVM (Model, View, View Model) Architecture
- Database design and construction
- Terminal Command Line
- Test-driven development