

Haozhe Huo

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Education

University Of Toronto <i>BSc in Computer Science and Statistics (GPA: 3.98 / 4.00)</i>	Expected Aug 2028 Toronto, ON
<ul style="list-style-type: none">Relevant Coursework: Intro to CS II (Python), Software Design (Java), Data Structures & Algorithms, Probability and Statistics, Statistics with Applied Probability	

Experience

Beijing Century ChaoXing Information Technology Development Co., Ltd. · AI Agent Developer	Jul 2025 – Dec 2025 Remote
<ul style="list-style-type: none">Scraped and aggregated 6 domain-specific datasets for the knowledge base, then cleaned and transformed them using Python (pandas, NumPy), improving data consistency and reducing manual preprocessing effort for downstream teams.Configured intelligent agent workflows through cozeAI, optimized prompts, and structured knowledge bases, which increased response relevance and reduced follow-up queries from end users.Designed Lottie animations and refined agent personas based on user scenarios, enhancing the agents' perceived professionalism and user engagement in conversational interfaces.Contributed to an AI-powered consultation and evaluation system for medical students by integrating curated Q&A content into workflows, enabling more accurate, scenario-based practice and feedback.	
Shanghai Youth Science and Innovation WorkStation · Student Research Assistant (Volunteer)	Jun 2022 – Sep 2022 Shanghai, China

Projects

LexiGo | Java, Spring Boot, REST APIs, JUnit5, Mockito, Maven, Swing

- Independently designed a multilingual vocabulary app, clearly separating **service**, **mapper**, **controller** for scalability and maintainability.
- Implemented reusable modules for word practice, contributing **15,000+ lines** of production-quality Java code to the core features.
- Led project setup and ongoing maintenance, including build/CI configuration and **code reviews**, resulting in **372 unit tests** and **82 merged pull requests** that ensured robust code quality.

UTMCSSA Academic Planning Analytics | Python, pandas, NumPy, Matplotlib, seaborn

- Processed **RateMyProfessors** data for UTM departments, performing data cleaning steps such as handling **missing values**, removing **duplicates**, standardizing text fields, and converting data types for reliable analysis.
- Engineered analysis-ready features by **binning** difficulty and quality scores, aggregating ratings at the **course** and **department** level, and extracting keyword-based "knowledge point" tags from review text.
- Created **visualizations** of course difficulty, major difficulty, and department characteristics to help **UTMCSSA** present data-driven guidance to first-year students.

Technical Skills

Languages: Python, Java, C, C++, R, HTML5, CSS3, Assembly

Other Tools: Jupyter Notebook, Anaconda, Lottie, LATEX, Markdown, Raspberry Pi, Ubuntu