

# SHU STRANGE

816-623-6456 • baoshutong@gmail.com • www.linkedin.com/in/shu-strange

---

## Education

Bachelor's in Computer Science

Apr. 2021 – [Expected] Jul. 2024

Brigham Young University - Idaho

Rexburg, Idaho

- Minor: Business Analytics
- GPA: 3.7 / 4.0 | BYU-Idaho Grant (2022-2023 & 2023-2024)

---

## Technical Skills

- Languages: SQL, Python, HTML/CSS, Java Script
- Developer Tools: Git, Docker, AWS, MySQL, Tableau, PowerBI, VS code, Excel (VBA, Dashboards, Macros, Lookups)
- Coursework: Programming with Classes, Database Design, Database Administration, Web development, Algorithms, Spreadsheet analytics, Data Visualization

---

## Work and Volunteer Experience

CIT 325 Database Programming | BYU-Idaho

Online Teaching Assistant

January 2024 - Present

- Assisted in teaching and guiding over 50 students through complex database concepts and PL/SQL programming in an Oracle environment.
- Supported students in lab assignments and projects, enhancing their understanding of SQL querying and database management best practices.
- Helped students in conceptualizing, designing, and implementing database applications, ensuring a practical understanding of course materials.
- Provided troubleshooting support for students, specifically in setting up and managing AWS accounts and accessing Ubuntu servers, ensuring seamless technical integration for course assignments.

CIT/ CSE Drop-in Lab | BYU-Idaho

Tutor

October 2023 – January 2024

- Acted as an academic coach specializing in Computer Information Technology and Computer Science Engineering, delivering personalized face-to-face mentoring sessions to enhance students' understanding and proficiency in technical subjects.
- Implemented adaptive pedagogical strategies to improve study habits and academic performance, resulting in higher comprehension levels, practical application of technical knowledge, and overall student success.
- Employed diagnostic and problem-solving skills to address and resolve a variety of technical challenges, as well as assisting students in overcoming obstacles in their coursework and technical assignments.

---

## Projects

Hosted A Static website on AWS using Amazon S3 and Route 53

Engineered a MySQL database to architect a robust backend for an e-commerce platform, enhancing data management for business operations.

Orchestrated the creation of a responsive three-page website utilizing HTML and CSS, focusing on user experience and design aesthetics.

---

## Spoken Languages

Mandarin (Native)

English (Fluent)

Japanese (Fluent)

---

## Additional Information

No Sponsorship required