JEREMY XU

DATA ANALYTICS

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SKILLS

- SQL Server
- Excel
- Dbeaver
- QlikView
- Python
- Pandas
- HTML
- CSS
- Bootstrap
- JavaScript
- Github
- Google Sheets

EDUCATION

PSYCHOLOGY / MAJOR
Bachelor of Arts
UC Irvine | 2012 – 2016

EDUCATION / MINOR
UC Irvine | 2012 - 2016

COURSES

- Full SQL Bootcamp
- Database Design

EXPERIENCE

CODING INSTRUCTOR
Coding Minds Academy | January 2020 - Present
- Taught and managed 25+ classes in core python classes, algorithms, machine learning, web development, and various other classes.
- Modified and implemented course curriculum and programming activities.
- Created, corrected, and reviewed homework and assignments.
- Assessed and monitored student progress and provided feedback to parents.
- Assisted student in creating personal coding projects.

INSTRUCTIONAL AIDE
Irvine Unified School District | March 2018 - 2020
- Provided academic support to instructional personnel in general education classrooms.
- Incorporated learning strategies for students with learning disabilities.
- Accommodated student disabilities to help meet IEP goals.
- Used appropriate behavior management techniques to help students in developing and exhibit proper social behavior.
- Maintained daily record of student academic work and progress
- Developed and maintained student management system to keep track of tests and assignments

ASSISTANT MANAGER
Mathnasium of University Irvine | February 2018 – December 2019
- Managed company operations and services.
- Provided technological support and resolved software/hardware issues for system maintenance.
- Developed, monitored, and implemented comprehensive math curriculums according to student's level.
- Managed, developed, and updated company website and marketing resources.
- Trained new employees in company policies and procedures.
- Provided strategic customer acquisition and satisfaction.
- Created academic strategies to improve student self-sufficiency.
- Helped students learn and understand math concepts in private and group settings.
- Collaborated with administrators to meet diverse needs of clients.

PROJECTS
Portfolio | jeremyxu.xyz

STUDENTS MANAGEMENT SYSTEM | *Google Sheets*
System that manages the academic progress of students with special needs. Allows users to view and update current, missing, and completed assignments along with other relevant information. Currently has 150+ users including students and staff members.

STUDENT DATA ALGORITHM | *Google Sheets*
Javascript algorithm that collects and organizes student data from multiple files. Student data includes class period, classes, assignments with different indicators and IEP files. Data can be filtered and sorted using queries to display different sets of data through selectable dropdown options.

STUDENT MANAGEMENT SYSTEM APPLICATION (in progress) | *PERN Stack*
Designed and created PostgreSQL data model and database configured for technological integration and support. Created stored procedures used for front-end development.

GROUP GENERATOR | *Google Sheets*
Sorts groups of people by various factors such as gender and life stage and generates groups number of groups or number of people per group.