

COLBY TOMITA

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EDUCATION

POINT LOMA NAZARENE UNIVERSITY (PLNU) | SAN DIEGO, CA **AUGUST 2020 – MAY 2024**
BACHELOR OF SCIENCE IN COMPUTER SCIENCE: SOFTWARE ENGINEERING
KOREA UNIVERSITY | Seoul, South Korea **FEBRUARY 2022 – JUNE 2022**

SKILLS / CERTIFICATION

Certifications: Microsoft Certified: Azure Fundamentals

Technical Skills: Azure, AWS, C++, Django, Git, MySQL, Java, JavaScript, PostgreSQL, Python, R, SQL, TypeScript

Soft Skills: Adaptability, Communication, Interpersonal, Positive Attitude, Problem-Solving, Team Collaboration

PROFESSIONAL EXPERIENCE

KAMEHAMEHA SCHOOLS | HONOLULU, HI **SEPTEMBER 2024 – PRESENT**
SYSTEMS ANALYST CONTRACTOR

- Completed training in **Azure Cloud**, **Microsoft Fabric**, **Databricks**, and **Power BI** through Microsoft.
- Actively looking to apply training to support **cloud infrastructure** for schoolwide systems.
- Earned **Azure Fundamentals certification** with a focus in cloud computing, data compliance, and data governance.
- Developed **Azure**-based data management skills to support data analytics team on graduation rate metrics.
- Created proof of concept for end to end data analytics in **Microsoft Fabric**.

PERMISO SECURITY | HONOLULU, HI **JUNE 2023 – AUGUST 2023**
BACKEND DEVELOPMENT INTERN

- Ingested 100 records worth of AWS resource data using **REST API methods** from AWS platform.
- Processed data set by building a constructor based on the **JSON** response, for business stakeholder requirements.
- Deployed the streamed data into an interactive dashboard for business consumer filtering and querying.
- Developed details page for AWS service using **TypeScript** and **React** with 30+ users.

PROJECTS

WATER RESERVOIR DATA PROJECT: PLNU **SEPTEMBER 2023 – DECEMBER 2023**

- Ingested 13 years of water storage data for 16 reservoirs using **Python's requests** module and **REST API**.
- Performed **normalization**, **cleansing**, and **time series analysis** on historical data set.
- Implemented **PostgreSQL** storage procedures for data management and integration with external applications.
- Deployed a **Django** server with **Plotly**, for users to predict water levels based on user inputted filters and models.
- Achieved 99.9% accuracy using **SciKit-Learn machine learning models** for time series forecasting.

REACT PORTFOLIO: PLNU **MARCH 2024 – MAY 2024**

- Built 11 modular, reusable **React** components, improving code maintainability and simplifying feature additions.
- Integrated a contact form with **EmailJS** for direct visitor communication, improving portfolio accessibility
- Applied **CSS Modules** for component-specific styling to prevent global scope conflicts.

EXTRA CURRICULARS / ACTIVITIES

Volleyball Club Secretary - Raised \$2000 in fundraisers and coordinated practice times for 30 members.

Surf Club - Participate in bi-weekly surf outings within the San Diego area.

Activities: Golf, Weightlifting, Pickleball, Running, Hiking