MARISA TANIA

mt.marisatania@gmail.com
San Francisco, CA
(415) 650 9261

www.marisatania.com
linkedin/in/marisatania/
github.com/mt-cs

EDUCATION

University of San Francisco
San Francisco, CA
MS Computer Science | Aug 2020 - **Dec 2022**
GPA: 3.97 / 4.00 | Major GPA: 4.00 / 4.00

University of San Francisco
San Francisco, CA
BS Computer Science | Aug 2019 - May 2020
GPA: 3.97 / 4.00 | Major GPA: 4.00 / 4.00

Academy of Art University
San Francisco, CA
BA Fashion Journalism | Aug 2015 - Aug 2018
GPA: 3.92 / 4.00

COURSEWORK

CS 682   Distributed Software Development

CS 686   Modern System Programming

CS 663   Machine Learning

SKILLS

Advanced   Java, Python, Unix, Git

Familiar   C, Go, Javascript (Node.js, React.js), SQL

Development   Django, HTML5, CSS

Library   Numpy, Pandas, Pomegranate, TensorFlow, skLearn, PyTorch

AWARDS

- NCWIT Collegial Award Finalist
- Newmark Women In Tech Scholarship
- Grace Hopper Scholar
- Tapia Scholar
- Ignatius Scholarship Award
- MSCS Merit Scholarship
- Dean's Honor Roll

OTHER INTEREST

Senior Instructor   San Francisco, CA
CORE40   Oct 2018 - Present

- Create and instruct group Lagree fitness routines
- Motivate clients to maintain effort, demonstrate movements, and ensure proper form and breathing techniques in order to maximize benefits and accommodate needed modifications

EXPERIENCE

Cloud Software Engineer Graduate Intern   San Francisco, CA
Intel Corporation   May 2022 - Present

Graduate Intern   San Francisco, CA
Software Development Engineering   Aug 2021 - Dec 2021
Intel Corporation

Software Engineer Intern   San Francisco, CA
Kineviz   June 2021 - Aug 2021

- Built <u>AI-powered 3D pose estimation</u> with just two webcams by utilizing **TensorFlow** PoseNet / MoveNet on **ObservableHQ**
- Created cross-domain server using **Socket.io, CORS,** and **Express** in **Node.js**

Teaching Assistant   San Francisco, CA
University of San Francisco   Jan 2021 - May 2021

- Course: Object-Oriented Programming
- Developed **Java** support code for programming labs

Corporate Communication Manager   Sausalito, CA
Persona Global   Sept 2018 - Feb 2019

- Oversaw internal and external communications between global branded offices in 16 countries
- Work on global social media strategy and event marketing
- Optimized website structure and SEO for e-commerce

PROJECTS

Turtle Tube   Feb - May 2022

- A fault-tolerant leader-based publish-subscribe replication system using **ProtoBuf API**
- Implemented a **Kafka**-like distributed system architecture built from scratch in **Java**

H&M Product Recommendation System   Mar - May 2022

- A **Python Machine Learning** project that predicts what products each customer will purchase in the 7-day period immediately after the training data ends
- Achieved 80% accuracy score using **LightGBM**

BarkHour   Nov - Dec 2021

- A two-tier ticket purchasing full-stack web app with a **Java (Jetty/Servlets)** front end, **Thymeleaf** to generate HTML/CSS/Javascript/Bootstrap, and **MySQL** backend

GAEA   Oct - Dec 2021

- GAEA is a web-app dashboard to visualize and query **AWS** workload powered by **Django REST Framework + React.js**
- The database is done on **SQLite**, and the frontend is done with **Javascript, HTML, CSS,** and **React Bootstrap**