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MARISA TANIA

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EDUCATION

University of San Francisco   San Francisco, CA
- M.S. in Computer Science, GPA: 3.98 | Major GPA 4.00 / 4.00   *Aug 2020 – **Dec 2022***
- B.S. in Computer Science, GPA: 3.97 | Major GPA 4.00 / 4.00   *Aug 2019 – May 2020*

Academy of Art University   San Francisco, CA
- B.A. in Fashion Journalism, GPA: 3.92 / 4.00   *Aug 2015 – Aug 2018*

EXPERIENCES

Intel Corporation   San Francisco, CA
Cloud Software Engineer Graduate Intern   *May 2022 – Aug 2022*
- Developed EDP data ingestion pipeline with event-based and serverless orchestration using *Python*, *AWS Utils* (including *AWS S3, Lambda, CloudTrail, Step Functions and EventBrite), Docker,* and *Terraform*
- Sped up ETL process with concurrency from 10 seconds to 0.02 seconds using Python *Asyncio*
- Implemented a failure handling rollback logic and added a cleanup Lambda function to free up the S3 staging bucket
- Built *CLI* in Python where users can send input data to enable the telemetry collection that triggers the data processing
- Showed a pipeline progress bar built with *tqdm* for Python by getting the status history from *AWS Step Functions* APIs

Software Engineer Graduate Intern   *Aug 2021 – Dec 2021*
- Delivered a full-stack web-app dashboard to visualize and query cloud data insights platform workload
- Implemented frontend with *React.js*, *React-Router-Dom, React Bootstrap, Javascript, HTML,* and CSS. Created reusable React components that supported viewing workload progress history, searching and filtering workload lists, and monitoring dashboard detail information
- Wrote unit test in *PyLint* and system test in Python unittest and the Pandas library

Kineviz   San Francisco, CA
Software Engineer Intern   *May 2021 – Aug 2021*
- Built [AI-powered 3D pose estimation](#) by combining TensorFlow MoveNet's 2D real-time prediction from two webcams
- Created cross-domain server using *Socket.io*, *CORS*, and *Express* in *Node.js*

University of San Francisco   San Francisco, CA
Teaching Assistant   *Jan 2021 – May 2021*
- Wrote and graded Java support code for *Object-Oriented Programming* labs and projects

Persona Global   Sausalito, CA
Corporate Communication Manager   *Sept 2018 – Feb 2019*
- Oversaw internal and external communications between global branded offices in 16 countries
- Optimized website structure, SEO, and social media strategy

PROJECTS

Multi-Platform DailyPlanner   *Sept 2022 – Dec 2022*
- Created a a Trello Power-Up that integrates Google Calendar events, Jira tickets, and GitHub Issues into a single weekly planner view
- Utilized Trello **Python** SDK and SQL RDBMS for the backend and Trello **Javascript** SDK for the frontend
- Designed and developed RESTful APIs and worked on external multi-APIs integrations

TurtleTube   *Feb 2022 – May 2022*
- Built a fault-tolerant leader-based publish-subscribe replication system using *ProtoBuf API*
- Implemented a Kafka-like *distributed system architecture* built from scratch in *Java*

SKILLS

- Distributed Software Development, Cloud Computing, Web Development, Data Visualization, Machine Learning
- Advanced: Java, Python, Linux/Unix, Git
- Familiar: AWS, GCP, SQL, D3, Javascript, Go, C, TensorFlow, skLearn, ARM
- Web: React, Django, Java Servlet, Node.js, Flask, HTML, CSS

AWARDS

NCWIT Collegial Award Finalist   Tapia Scholar
Newmark Women In Tech Scholarship   Ignatius Scholarship Award
Grace Hopper Scholar   MSCS Merit Scholarship

INTERESTS

Fitness instructor @Core40, UI/UX design advocate, fashion writer, content curator, amateur chef, dog mom