ARMANT TOUCHE

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EDUCATION

Portland State University   Portland, OR
Degree: B.S. in Computer Science; Honors: Cum Laude   Jan. 2019 – Dec. 2022

TECHNICAL SKILLS, COMMUNITY SERVICES, & ORGANIZATIONS

Languages: Python ($\sim$5yrs), C/C++ ($\sim$4yrs), SQL/NoSQL (Postgres/DynamoDB) ($\sim$3yrs/$\sim$1yr), HTML5/CSS3 ($\sim$3yrs), Typescript ($\sim$1yr)
Developer Tools: Agile, Git, Github Actions, Docker, VS Code, GNU Make, GNU Coreutils, bash, boto3 (AWS), Linux, jest, Xunit, FakeItEasy, redis, poetry, terraform
Community Services & Organizations: 144 volunteer hrs at Free Geek (05/2019-11/2019), OWASP mentee, WiCS mentor

PROJECTS

Text-to-Image App | *Python, flask, google CLI SDK, GCP Datastore/Cloud Storage/Cloud Run, Docker, bash linux*
- Integrated a text-to-image Flask application with Datastore and Cloud Storage on GCP Cloud Run (containerized deployment).

Teach Safely Website | *Vue.js, Docker, AWS Cloudfront/S3/Lambda/DynamoDB, serverless, typescript, Github Actions.*
- Led my Capstone team in continuing the development of a learning and certification management system called "Teach Safely" for wood-shop teachers and students.
- Used the Agile Software Development methodology to manage the project, including weekly stand-ups, sprints, and deliverable demonstrations carried out by my team of 6 SWE's.

GPU-Crawler | *Python, boto3, json, scrapy, Docker*
- Developed a web scraping application that sent a SMS message via Python & AWS.

EXPERIENCE

Integration Analyst Programmer   January 2023 – Present
Portland State University - OIT   Portland, OR
- Ported legacy HTTP APIs to new org standard and designed a new VPC architecture for an application suite along with using IaC. Both in a self-driven environment while multitasking day-to-day tasks.
- Identified and troubleshooted issues with applications and integrations, utilizing Jira for tracking and management.

Coordinator, Computer Science Tutor, & Peer Mentor   June 2021 – December 2022
Portland State University - MCES & TRC   Portland, OR
- Coordinated team of 9 tutors for around 180 undergrads and also conducted interviews and managed scheduling.
- Assisted undergrads with Computer Science coursework, including data structures design, algorithm design, and other course-related issues (mostly C++).
- Facilitated summer program for 23 high-school students, providing mentor-ship in Transportation & STEM.

Business Data Analyst Intern   November 2019 – March 2020
C-Tran   Vancouver, WA
- Optimized data warehouse by checking data type and range of values, documenting design, and mapping relationships for statistical analysis, improving data governance.
- Designed KPI dashboards in Microsoft Power BI and accessible through Sharepoint intranet for informed business decisions making.

Medical Department Representative   December 2012 – Decemeber 2017
United States Navy   Everett, Washington
- Provided Basic Life Saving training (AHA BLS instructor) to a crew of 300+ personnel, which promoted cross-training across different departments.
- Provided basic medical care to a crew of 300+ personnel and maintained $120K worth of medical equipment, while also handling a yearly $87K budget. Increasing preparedness and deployment readiness for our org.