Michael Simeone
Data Science / Full Stack Software Engineer

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From disadvantaged positions, I've consistently navigated unfamiliar territory and excelled, through an unwavering pursuit of growth.
Recurring Theme: A list of experiences doesn't convey my unique selling point above, but the recurring theme connecting them does.
Key Skills: Backend, Data Science, SWE, SQL (7yr) | Python (5.5yr) | AWS, Frontend, JavaScript, Web (3.5yr) | Android, Java, C++ (1.5yr)
IMPORTANT: I'm a US citizen. I can work for any employer in the US. No visa needed. Back at home in the US after working abroad.

Work Experience

Full Stack Software Engineer – Tech Lead | Accenture | Tokyo, JP (US Citizen) | 09/2020 – 04/2024 (3.5yr)
Analyst 9/2020 – 11/2022 (2yr)   →   Tech Lead 12/2022 – 4/2024 (1.5yr)
Recurring Theme: Leveraging my data and simulation SWE skills, with further self-instruction I pivoted into full stack SWE and thrived.
Details: ● Developed custom-made full stack web and mobile apps in small ≤12-p project-based teams with startup atmospheres.
● Led sub-teams, owning feature creation from requirements, to design, work breakdown, development, review, testing, CI/CD, etc.
Project Accomplishment Examples: ● Reduced time managers spent checking workers' tasks by 65% with image recognition web app.
● Increased avg. user spending by $200/yr with cosmetics facial recognition app.   ● Completed 6mo of work in 4 on distressed project.
● Improved efficiency of one factory process by 75% with IoT system.   ● Inspired 6-figure project contract with Android wearable app.
Technical Skills: Agile, AI, Android, AWS(ACM, Amplify, API Gateway, Aurora, Backup, CloudFormation, CloudFront, CloudWatch, CLI, DynamoDB, EC2, ECS, IAM, IoT Core, Lambda, RDS, Route 53, S3, SageMaker, SNS, SSM, Step Functions, VPC), Backend, CI/CD, Cloud, CSS, Databases, Data Analysis, Data Science, Data Processing, Docker, FastAPI, Flask, Frontend, Full Stack, Git, HTML, IoT, Java, JavaScript & JS Frameworks, Jira, Kotlin, Machine Learning, Node.js, Python(NumPy, Pandas, etc.), REST API, React, Scrum, SQL, TypeScript, Vue.js

Applied Data Science & Simulation SWE – Tech Lead | A.L.I. (Drone Startup) | Tokyo, JP (US Citizen) | 08/2018 – 08/2020 (2yr)
Engineer 8/2018 – 3/2019 (0.5yr)   →   Tech Lead 4/2019 – 8/2020 (1.5yr)
Recurring Theme: The 1st SWE hired, I created the Analysis Team, Python analysis software, and novel designs that flew the hover bike.
Details: ● Developed applied data science, simulation, and optimization software from scratch in Python and SQL for the above flight.
● Discovered the entire bike design was based on impossible requirements and convinced the CEO to alter the fundamental parameters.
Technical Skills: Agile, Backend, Databases, Data Analysis, Data Processing, Data Science, Git, Machine Learning, Optimization, Python(NumPy, Pandas, etc.), Regression, Scrum, Simulation, SQL, Statistics

Various Experiences | Software Career Gap | US & JP | 04/2015 — 07/2018 (3yr)
Recurring Theme: I moved to Japan with no Japanese skills, gained fluency, and secured jobs and promotions all in Japanese.
Details: ● Contract Engineering   ● Traveling   ● English Teaching   ● Studying Japanese   ● Studying Software Development

Applied Data Science & Simulation SWE – Intern | UCSB Thermal Processing Lab | California, US | 01/2012 – 06/2013 (1.5yr)
Details: ● Developed applied data science and simulation software in C and C++ for turbine blade heat transfer research & development.
● Evolved to deep project involvement, pinpointing and rectifying fundamental errors, and increasing final accuracy from 94% to 99%.
Technical Skills: Backend, C, C++, Databases, Data Analysis, Data Processing, Data Science, Git, Machine Learning, Matlab, Optimization, Regression, R&D, Simulation, SQL, Statistics

Education

Master of Science | Mechanical Engineering | UC Los Angeles (UCLA) | California, US | 09/2013 – 03/2015 (1.5yr)
Recurring Theme: Already the first in my family to graduate college, I surpassed that achievement with a master's from UCLA.
Details: ● Aerodynamic Analysis & Simulation Software Engineering Focus   ● Repeatedly Top of Class

Bachelor of Science | Mechanical Engineering | UC Santa Barbara (UCSB) | California, US | 09/2008 – 06/2013 (5yr)
Details: ● Mathematics Minor   ● Won Senior Project Competition Best Technical Presentation Award   ● Repeatedly on Honors List

Personal Projects

See project details on website: michaelsimeone.com
Technologies Used: AI, AWS(API Gateway, CloudWatch, DynamoDB, IAM, Lambda, S3), Blender, C#, CSS, Databases, Data Analysis, Data Processing, Data Science, Django, FastAPI, Flask, GCP, Git, HTML, JavaScript, Machine Learning, Python(NumPy, Pandas, etc.), React, REST API, Scikit-learn, SQL, Unity, Vue.js, Websocket

Languages
● **English:** Native Speaker   ● **Japanese:** Fluent