

Michael Simeone

Full-Stack Software Engineer

• michaelsimeone.com

• mdsimeone@gmail.com

• 415-599-4445

• Santa Rosa, CA 95401, USA

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 Proficiencies: Backend, Data, SQL 5.5yr | Python 5yr | Frontend 3.5yr | AWS, Cloud, JavaScript, Web 3yr | Android, Java, Kotlin 1yr

Important Note: I'm a US citizen, back home in the US for good, after having lived and worked in Japan for 8 years.

Work Experience

Digital Integration (DX) Full-Stack Software Engineer – Tech Lead | Accenture | Tokyo, JP | 9/2020 – 4/2024 3.5yr

Analyst 9/2020 – 11/2022 2yr → Tech Lead 12/2022 – 4/2024 1.5yr

Recurring Theme: Leveraging my analysis & simulation SWE skills, with further self-instruction I pivoted into full-stack SWE, and thrived.

Details: • Developed custom-made full-stack web & 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, and CI/CD.

Project Accomplishment Examples: • AI image recognition web app reduced time managers spent checking workers' tasks by 65%.

• Cosmetics in-store app users spent avg. \$200/yr more. • Entered a distressed Android project & helped complete 6mo of work in 4.

• IoT system improved efficiency for certain factory processes by 75%. • Android wearable app inspired 6-figure project contract.

Technical Proficiencies: Agile, AI, Android, API, AWS (ACM, Amplify, API GW, 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, Database, Docker, FastAPI, Flask, Frontend, Full-Stack, Git, HTML, IoT, Java, JavaScript, Jira, Kotlin, Node.js, Python, React, Scrum, SQL, TypeScript, Vue.js

Data Analysis & Simulation Software Engineer – Tech Lead | A.L.I. (Drone Startup) | Tokyo, JP | 8/2018 – 8/2020 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 SW, and novel propeller that flew the hoverbike.

Details: • Developed data analysis, simulation, and optimization software from scratch in Python & SQL for the above flight designs.

• Discovered the entire bike design was based on impossible requirements, and convinced the CEO to alter the fundamental parameters.

Technical Proficiencies: Agile, Backend, Database, Data Analysis, Data Processing, Data Science, Git, Machine Learning, Optimization, Python, Regression, Scrum, Simulation, SQL, Statistics

Various Experiences | Software Career Gap | US & JP | 4/2015 – 7/2018 3yr

Recurring Theme: I moved to Japan with no Japanese skills, gained fluency, and secured jobs and promotions all in Japanese.

Details: • Contract Mechanical Engineering • Traveling • English Teaching • Studying Japanese • Studying SWE

Data Analysis & Simulation Software Engineer – Intern | UCSB Thermal Processing Lab | Calif., US | 1/2012 – 6/2013 1.5yr

Details: • Developed thermal data analysis & simulation software in C & C++ for turbine blade heat transfer research & development.

• Evolved from basic development & debugging to deep involvement on whole project, pin-pointing fundamental inaccuracies.

Technical Proficiencies: Backend, C, C++, Database, Data Analysis, Data Processing, Data Science, Git, Machine Learning, Matlab, Optimization, Regression, R&D, Simulation, SQL, Statistics

Education

Master of Science (MS) | Mechanical Engineering | UC Los Angeles (UCLA) | Calif., US | 9/2013 – 3/2015 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 (BS) | Mechanical Engineering | UC Santa Barbara (UCSB) | Calif., US | 9/2008 – 6/2013 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, Django, FastAPI, Flask, GCP, HTML, JavaScript, Machine Learning, Python, React, REST API, Sklearn, SQL, Unity, Vue.js, Websocket

Languages

• **English:** Native Speaker • **Japanese:** Business Level