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Michael Simeone
Full-Stack Software Engineer

Personal Projects Site:
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Current: Accenture DX Full-Stack Web & Mobile App Software Engineering
Background: UCLA Master's Focused in Aerodynamics Simulation Software Engineering
Key Proficiencies: Software Engineering 5.5yr, Python & SQL Backend 4.5yr, Vue.js Frontend 3yr, AWS Cloud 3yr, Android 1yr

Career Timeline

Digital Integration (DX) Full-Stack Software Engineer – **Team Lead**	Accenture	Tokyo, JP 2020/09 – 2024/04 **(3.5yr)**

Analyst 2020/09 – 2022/11 **(2yr)** ➡ Team Lead 2022/12 – 2024/04 **(1.5yr)**

● Developed custom full-stack web & mobile apps　　● Range of work: requirements, design, development, testing, CI/CD
● Owned feature creation, leading 3ppl sub-teams　　● Small, agile teams of ≤12ppl created for each project, akin to startups

WORKED ON PROJECTS FOR 5 CLIENTS :

1) Cosmetics co. customer-facing web & mobile apps ➡ Customers using the apps spend on average $200/yr more　**(2.5yr)**
2) Electronics co. Android TV system apps ➡ Brought into distressed project, helped complete 6 months of work in 4　**(4mo)**
3) Tire & rubber co. in-factory IoT system & web app ➡ Improved efficiency of certain factory processes by ~75%　**(5mo)**
4) Disabled community outreach farm AI web app ➡ Reduced time managers spent checking workers' tasks by ~65%　**(3mo)**
5) Demo-use generative AI Android wearable app ➡ Demo inspired pharmaceutical client 6-figure project contract　**(2mo)**

● **Technical Proficiencies:** Agile, AI, Android, API, AWS, Backend, CI/CD, Cloud, CSS, Database, Docker, FastAPI, Flask, Frontend, Full-Stack, Git, HTML, IoT, Java, JavaScript, Kotlin, Node.js, Python, React, Scrum, SQL, TypeScript, Vue.js

Aerodynamic Simulation Software Engineer – **Team Lead**	A.L.I. (Drone Startup)	Tokyo, JP 2018/08 – 2020/08 **(2yr)**

● Developed aerodynamic simulation software in Python & SQL　● Developed the propellers that flew the 180 lb. hoverbike
● Created and led everything aerodynamics from scratch: the aero team of 4, the strategies, software, designs, and tests
● **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 2015/04 — 2018/07 **(3yr)**
● Contract Engineering	● English Teaching	● Traveling

Master of Science (MS)	UC Los Angeles (UCLA)	Calif., US 2013/09 – 2015/03 **(1.5yr)**
● Mechanical Engineering Major	● Aerodynamic Simulation Software Engineering Focus	

Thermal Simulation Software Engineer – **Intern**	UCSB Thermal Processing Lab	Calif., US 2012/01 – 2013/06 **(1.5yr)**

● Developed thermal simulation software in C++ for turbine blade heat transfer research & development
● **Technical Proficiencies:** Backend, C++, Database, Data Analysis, Data Processing, Data Science, Git, Machine Learning, Matlab, Optimization, Regression, R&D, Simulation, SQL, Statistics

Bachelor of Science (BS)	UC Santa Barbara (UCSB)	Calif., US 2008/9 – 2013/6 **(5yr)**
● Mechanical Engineering Major	● Mathematics Minor	● Won Senior Project Competition

Personal Projects

Go to michaelsimeone.com

● Event Planning Web App: **AWS, CSS, Django, GCP, HTML, JavaScript, Python, SQL, Vue.js**
● Space Video Game: **Blender, C#, Unity**
● Multiplayer CLI Arcade: **AWS, CSS, FastAPI, HTML, JavaScript, Websocket**

● Movie Recommendation AI: **AWS, CSS, Flask, HTML, JavaScript, Machine Learning, Python, React, Sklearn, SQL**
● Japanese Study Web App: **AWS, FastAPI, Python, Vue.js**
● Aerodynamics Simulation Program: **Machine Learning, Python, SQL**

Languages

English: Native Speaker　　　　　Japanese: Business Level