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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

A.L.I. (Drone Startup)

Tokyo, JP 2018/08 – 2020/08 (2yr)

Software Engineer – Team Lead

- 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

UCSB Thermal Processing Lab

Calif., US 2012/01 – 2013/06 (1.5yr)

Software Engineer – Intern

- 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