

Current Location:
Tokyo-to, Edogawa-ku

Michael Simeone

Full-Stack Software Engineer

Personal Projects Website:
www.michaelsime.one
Personal GitHub:
www.github.com/michaels234

UCLA Master's Aerodynamic Simulation Software Engineer Turned Accenture DX Full-Stack Software Engineer.

Technical Skills Summary

- (≥5yr) Agile, Git, Python
- (≥3yr) AWS, CI/CD, CSS, HTML, JavaScript, MySQL, Node.js, REST API, TypeScript, Vue.js
- (≥1yr) Android, C++, Django, Flask, Data Science & Machine Learning, Java, Kotlin, Matlab, PostgreSQL, SQLite
- (<1yr) C#, Docker, Google Cloud, Kubernetes, NLP, React, Scrum, Sklearn

Career Timeline

Digital Integration (DX) Full-Stack Software Engineer – Team Lead Accenture Tokyo, JP 2020/09 – Present (3yr)

- Developed 9 new full-stack apps on 5 projects from requirements, to design, development, testing, production, CI/CD
- Led sub-teams (≤3ppl) and taught new-comers on small (≤20ppl), agile, project-based teams akin to startups
- Software Skills: Python, AWS, Flask, MySQL, Android, Kotlin, Java, Node.js, Vue.js, JavaScript, TypeScript, HTML, CSS
- Some Projects:
 - A. Major electronics manufacturer's 2 Android TV apps
 - B. Global auto-part manufacturer's in-factory web app
 - C. Disabled community outreach farm's on-site web app
 - D. Multinational luxury cosmetics brand's 3 web apps : Client's customers who used the apps spent \$200 more on avg.

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

- Developed aerodynamic simulation software in Python
- Designed the propellers that flew the 180 lb. hover-bike
- Created and led the company's 1st aerodynamic team (4ppl), software, designs, strategies, tests, all from 0
- Included: • Data science, visualization, processing • machine learning • regression • statistics • optimization

Various Experiences Software Career Gap 2015/04 – 2018/07 (3yr)

- Contract mechanical 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
- Included: • Data science, visualization, processing • machine learning • regression • statistics • optimization

Bachelor of Science (BS) UC Santa Barbara (UCSB) Calif., US 2008/9 – 2013/6 (4.8yr)

- Mechanical Engineering Major
- Mathematics Minor
- Won Senior Project Competition

Personal Projects

See more at www.michaelsime.one

- Event Planning Web App: Django, Python, Vue.js
- Movie Recommendation AI: Python, AWS, Sklearn
- Space Video Game: Unity, C#, Blender
- Japanese Study Web App: Python, AWS, Vue.js