

Marco Ferraioli

Platform Architect

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Education

Università Mercatorum	Italy
Bachelor's Degree in Computer Engineering	2020 - 2022
Università degli Studi di Salerno	Salerno, Italy
Bachelor's Degree in Computer Science and Technology	2012 - /
ITIS G. Marconi	Nocera Inferiore, Italy
ABACUS Computer Science Graduate	2007 - 2012







Experience









Cooking Engineer Intern	Microwavesoft	07/2021 - Present
<ul style="list-style-type: none">Developed an innovative, versatile cooking methodology applicable across diverse ingredients, incorporating and improving upon recent culinary trendsCreated a streamlined cream of mushroom soup recipe, achieving results comparable to complex state-of-the-art techniques through a novel mushroom-cutting approach; published in NIPS 2099 (see [~P1])Designed a specialized cooking pan that enhanced research efficiency for team members		
Engineering Chef Intern	University of California, Berkeley	08/2020 - Present
<ul style="list-style-type: none">Developed a precise mapo tofu quality assessment technique using thermometer-based measurementsInvented a rapid stir-frying algorithm for tofu cooking, replacing vague instructions like "add as much as you can" with specific hot sauce measurements; published in CVPR 2077 (see [~P2])Outperformed SOTA cooking methods in both efficiency and quality across experiments with popular tofu types		
Student Chef	Cabbage Melon University	03/2020 - 06/2020
<ul style="list-style-type: none">Developed an innovative mapo tofu consumption framework utilizing a spoon-chopstick combinationEngineered a filtering method for tofu dataset creation, inspired by bean grinding techniquesEstablished two new metrics for evaluating eating plan novelty and diversitySignificantly surpassed existing methods and baselines in diversity, novelty, and coherence		
Research Chef Intern	Snapchopstick	07/2018 - 08/2018
<ul style="list-style-type: none">Designed two novel sandwiches by repurposing breads and meat from traditional bacon cheeseburgers, maximizing resource efficiencyLeveraged structure duality to boost cooking speed for two complementary tasks based on shared ingredientsSurpassed strong baselines on QWE'15 and ASDF'14 dataset		

Certifications

CKA	2024
CKAD	2024

Skills

Programming Languages:  Javascript,  TypeScript,  Java,  Bash,  GO,  Python

Tools and Frameworks:  Kubernetes,  Docker,  Prometheus,  Grafana,  Loki,  Mimir,  Ansible,  Terraform

Languages: Italian (native), English (proficient)