

Matteo Ansaldi

Curriculum Vitae

Via Borgo San Dalmazzo, 6

12012, Boves (CN), Italy

+39 366 351 6370

✉ ansaldimatteo@outlook.com

www.linkedin.com/in/ansaldi-matteo

Education

2017–2019 **Masters Degree in Computer Engineering**, *Politecnico di Torino*, Turin, 110/110.

2013–2017 **Bachelors Degree in Computer Engineering**, *Politecnico di Torino*, Turin, 92/110.

Masters Thesis

Title *Camera-less context detection in mobile platforms*

Supervisors Professor M. Poncino & Associate Professor D. Jahier Pagliari

Description This thesis studied the potential to use low-powered sensors in mobile devices with a Convolutional Neural Network to help reduce battery usage. I developed an Android app in Java to collect the training and testing data, and implemented the CNN using Python and PyTorch.

Professional Experience

08/2020– **Associate Solutions Architect**, AMAZON WEB SERVICES, Milan.

Present Worked and lead on multiple projects for external clients. The majority of the time I worked as an iOS developer and maintainer, developing a couple of apps while also managing launches along with my counterparts on Android. I also worked as a backend developer on other projects, mainly creating backends in node.js

05/2019– **Programmer**, REPLY S.P.A, Turin.

08/2020 Worked and lead on multiple projects for external clients. The majority of the time I worked as an iOS developer and maintainer, developing a couple of apps while also managing launches along with my counterparts on Android. I also worked as a backend developer on other projects, mainly creating backends in node.js

Detailed projects:

- **Beretta Firearms**

My work on the Shooting Data project involved learning Objective-C and then taking over the role of primary iOS developer on the app, alongside the role as maintainer of a parser for data collection. As maintainer of the parser, I had to interact directly with the clients, use the Azure IoT Hub, and update the parser written in java.

- **Vodafone**

For this project, I maintained the main backend in node.js for the Smart@Home Vodafone Platform. This required managing multiple databases for each development environment and general maintenance of the backend for push notifications. The main technologies used were node.js, MySQL, and multiple AWS technologies such as SQS, SNS, ECS, RDS, etc.

- **Fondazione Torino Musei**

On this project, I was given the role of developing the iOS app and designing the backend with Firebase Cloud Firestore. I also had the opportunity to study and implement some Firestore Cloud Functions to keep the data synchronized.

- **Caleffi**

I worked as an iOS developer on the project, which required designing multiple API calls to our backend, and to develop an interaction flow between a gateway and iPhone via bluetooth commands.

2011–2012 **Summer Intern**, LEHMAN BROTHERS, Los Angeles.

Rated "truly distinctive" for Analytical Skills and Teamwork.

Miscellaneous

2010–2011 Spent some time finding myself. This was a courageous endeavour that didn't have a job title. It was quite important to my overall development though so I'm adding it to my CV. Also it explains the gap in my otherwise stellar CV.

2009–2010 **Computer Repair Specialist**, *Buy More*, Burbank.

Worked in the Nerd Herd and helped to solve computer problems. Allowed me to become expert in all forms of martial arts and weaponry.

Certifications

2021 AWS Certified Developer - Associate

2020 AWS Certified Solutions Architect - Associate

2020 AWS Certified Cloud Practitioner

Computer skills

Basic JAVA, Adobe Illustrator

Intermediate PYTHON, HTML, \LaTeX , OpenOffice, Linux, Microsoft Windows

Advanced Computer Hardware and Support

Communication Skills

- 2010 Oral Presentation at the California Business Conference
- 2009 Poster at the Annual Business Conference in Oregon

Languages

English	Mothertongue	C2
Italian	Mothertongue	C2
French	Basic	A2

Interests

- Piano
- Cooking
- Running
- Chess
- Dancing