



06/2017 – 04/2018

## Full-stack Developer | Research Assistant

Internship

Fondazione Bruno Kessler, Trento, IT

- Designed, developed, and tested CoachAI, a platform composed of a conversational assistant who helps people promote a healthy lifestyle and a related management platform that allows doctors to monitor their patients' progress based on data collected through the chatbot.
- Developed my bachelor thesis on such a project.
- Participated in user-centered testing sessions and developed other conversational agents to support those activities allowing research project improvements.

Technologies used:

RUBY ON RAILS

JAVASCRIPT

JOQUERY

AJAX

TELEGRAM BOT API

### EDUCATION

**M.Sc. in Computer Science  
Software and Service Architectures**  
University of Trento

**B.Sc. in Computer Science  
Computer Science and Technology**  
University of Trento

### SOFT SKILLS

- Organisational**  
Autonomous, adaptable, outside the box thinker.
- Communication**  
Effective communicator and team worker.
- Aptitude**  
Positive, precise.

### LANGUAGES

Italian	Native
Romanian	Native
English	Fluent

### SKILLS, TOOLS & PLATFORMS

#### ✓ Technical knowledge

Algorithms	<div><div></div><div></div><div></div><div></div><div></div></div>
Distributed Systems	<div><div></div><div></div><div></div><div></div><div></div></div>
Cloud Computing	<div><div></div><div></div><div></div><div></div><div></div></div>
Software Engineering	<div><div></div><div></div><div></div><div></div><div></div></div>
SCRUM Methodology	<div><div></div><div></div><div></div><div></div><div></div></div>
Prototyping	<div><div></div><div></div><div></div><div></div><div></div></div>
Software Architectures	<div><div></div><div></div><div></div><div></div><div></div></div>
Machine Learning	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Markup Languages

HTML	<div><div></div><div></div><div></div><div></div><div></div></div>
XML	<div><div></div><div></div><div></div><div></div><div></div></div>
CSS	<div><div></div><div></div><div></div><div></div><div></div></div>
Latex	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Frameworks

Play Framework for Scala	<div><div></div><div></div><div></div><div></div><div></div></div>
Ruby on Rails	<div><div></div><div></div><div></div><div></div><div></div></div>
ASP.NET	<div><div></div><div></div><div></div><div></div><div></div></div>
Angular	<div><div></div><div></div><div></div><div></div><div></div></div>
Java Servlets with JSP	<div><div></div><div></div><div></div><div></div><div></div></div>
Node.js with Express	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Development Tools

Git	<div><div></div><div></div><div></div><div></div><div></div></div>
Gitlab CI/CD Pipelines	<div><div></div><div></div><div></div><div></div><div></div></div>
SBT	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Programming languages

SQL	<div><div></div><div></div><div></div><div></div><div></div></div>
Scala	<div><div></div><div></div><div></div><div></div><div></div></div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div>
Bash	<div><div></div><div></div><div></div><div></div><div></div></div>
Java	<div><div></div><div></div><div></div><div></div><div></div></div>
Ruby	<div><div></div><div></div><div></div><div></div><div></div></div>
C#	<div><div></div><div></div><div></div><div></div><div></div></div>
Javascript   Typescript	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Databases

Redis	<div><div></div><div></div><div></div><div></div><div></div></div>
Postgresql	<div><div></div><div></div><div></div><div></div><div></div></div>
SQLite	<div><div></div><div></div><div></div><div></div><div></div></div>
Kafka	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Platforms and server technologies

Docker	<div><div></div><div></div><div></div><div></div><div></div></div>
Linux	<div><div></div><div></div><div></div><div></div><div></div></div>
Kubernetes	<div><div></div><div></div><div></div><div></div><div></div></div>
Spark	<div><div></div><div></div><div></div><div></div><div></div></div>
Airflow	<div><div></div><div></div><div></div><div></div><div></div></div>

#### ✓ Cloud Services

Google Cloud Provider	<div><div></div><div></div><div></div><div></div><div></div></div>
Terraform	<div><div></div><div></div><div></div><div></div><div></div></div>

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