Francesco **Penasa**

CS STUDENT · SERVICE AND SOFTWARE ARCHITECTURES - CYBER SECURITY - BIOINFORMATICS

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Education

UNITN (The University of Trento, DISI)   *Trento, Italy*
MASTER IN COMPUTER SCIENCE - SERVICE AND SOFTWARE ARCHITECTURES / BIOINFORMATICS   *Sep. 2019 - Sep. 2021*

- Master's thesis: Research in Machine Learning methods to encode and decode audio
- Laboratory of Computer Science Education
- Bioinformatics
- Formal methods
- Security
- Machine learning and deep learning

UNITN (The University of Trento, DISI)   *Trento, Italy*
B.S. IN COMPUTER SCIENCE   *Sep. 2016 - Sep. 2019*

- Bachelor's thesis: developed a Java Application for
  BPMN redesign through planning: *dynamic failure recovery, optimization and alternate path creation through a BPMN and PDDL integration*

Skills

Programming Languages	C, C++, Java, PHP, SML, Python3, JavaScript, R, MATLAB, NuSMV
Web Development	HTML5, CSS, JavaScript, JavaEE, PHP, NodeJS, Test:Travis, Swagger, Heroku, REST API
Miscellaneous	MySQL Server, Optical Fiber join, Git, AutoCAD, LaTeX
Languages	English, Italian

Experience

Funivie Madonna di Campiglio   *Madonna di Campiglio, TN 38086, Italy*

INTERNSHIP IN IT DEPARTMENT   *Jun. 2019 - Aug. 2019*

- Web-app development, web-app testing, code refactoring, integration of BancaIntesa's API
- Optical fiber management, tech assistance, mobile Operative Systems compile.
- PHP 7, MySQL, Unicredi API, Android 5, Optical-fiber, GNU-Linux, FTP, Excel

MMape   *Croviana, TN 38027, Italy*
MUSEUM GUIDE   *Apr. 2016 - Sep. 2016*

- **Soft Skill developed:** public speaking, team-working and time-management.

Studio Tecnico Fantelli   *Dimaro, TN 38025, Italy*
SURVEYOR   *Apr. 2016 - Sep. 2016*

- Large usage of CAD 2D, CAD 3D and Google Sketchup to develop blueprints for various project.

Progetto Giovani - APPM   *Dimaro, TN 38025, Italy*
CIVIL SERVICE - EDUCATOR AND EVENTS ORGANIZER   *Jun. 2015 - Jun. 2016*

- Soft Skill developed: problem-solving, communication and team-working.

Extracurricular Activity

DailyQuest.it (Gaming - News and Insights)   *Italy*
EDITOR   *Nov. 2018 - PRESENT*

- Gained expertise in insight and critic article writing and step-by-step guides writing.

Battlecraft.it (Gaming - News and Insights)   *Italy*
EDITOR   *2015 - Nov 2018*

- Gained expertise in article writing and step-by-step guides writing.

CoderDojo Trento (community-based computer programming clubs for young people) *Trento, Italy*
Volunteer *Oct. 2017 - PRESENT*

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Progetto Giovani - APPM (Music and boardgames laboratories) *Dimaro, Italy*
Volunteer *Dec. 2013 - 2015*

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Referenze

Michele Bezzi *APPM*
Coordinatore

- pgvsole@appm.it

ing. Nicola Mosca *Funivie Madonna di Campiglio*
System Administrator

- nicola.mosca@funiviecampiglio.it

Alessandro Pasquali *MMape*
General Manager

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Anna Benedetti *MMape*
General Manager

- annabenedetti88@gmail.com