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: 104 *Sep. 2019 - Dec. 2021*

- Master's thesis: **Sedute Online**
  Revision of a Voting System Application through Cross-platform mobile framework with a focus on Security and Performance.
- Laboratory of Computer Science Education
- Bioinformatics and Data Mining
- Formal methods and Agent-oriented software engineering
- Security Testing
- Machine learning and deep learning

UNITN (The University of Trento, DISI) *Trento, Italy*

B.S. IN COMPUTER SCIENCE: 99 *Sep. 2016 - Sep. 2019*

- Bachelor's thesis: **BPMN redesign through planning**
  Dynamic failure recovery, optimization and alternate path creation through a BPMN and PDDL integration.

ITCG Pilati (ITET C.A. Pilati Cles) *Cles, Italy*

SECONDARY EDUCATION - SURVEYOR *2011 - 2014*

- *CAD 2D certificate.* 90/100

Skills

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

Experience

Alpinformatica *Malè, TN 38020, Italy*

INTERNSHIP IN SOFTWARE DEVELOPMENT DEPARTMENT *Jan. 2022 - PRESENT*

- Development of managemente thorough PHP and JQuery
- AWS Certified Cloud Practitioner, AWS Solution Architect

Alpinformatica *Malè, TN 38020, Italy*

INTERNSHIP IN SOFTWARE DEVELOPMENT DEPARTMENT *Aug. 2021 - Dec. 2021*

- Development of the thesis project, the voting system: Sedute Online

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*

• ...

Certifications

INTERNATIONAL

2022	**AWS Certificate**, Certified Cloud Practitioner
2022	**AWS Certificate**, Solution Architect
2021	**.**, Google Hashcode 2021

Referenze

Giovanni Sonna   *Alpinformatica di Giovanni Sonna - Malè*

MANAGER   *2021-2022*

• g.sonna@alpinformatica.com

Michele Bezzi   *APPM*

COORDINATORE   *2015*

• pgvsole@appm.it

ing. Nicola Mosca   *Funivie Madonna di Campiglio*

SYSTEM ADMINISTRATOR   *2019*

• nicola.mosca@funiviecampiglio.it

Alessandro Pasquali   *MMape*

GENERAL MANAGER   *2016*

• pasqui_a@yahoo.it

Anna Benedetti   *MMape*

GENERAL MANAGER   *2016*

• annabenedetti88@gmail.com