

Pennati Lucas

Curriculum Vitae

PERSONAL INFORMATION

Date of Birth August 1, 1991
Birthplace Sorengo, CH
Citizenship Italian / Spanish
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GitHub pennal

EDUCATION

2017 - 2020 **Master of Science in Software and Data Engineering**
Università della Svizzera Italiana, Lugano (CH)

2014 - 2019 **Bachelor of Science in Informatics**
Università della Svizzera Italiana, Lugano (CH)

2010 - 2011 **ETH Preparation Course**
ExamPrep GmbH., Zürich (CH)

2007 - 2010 **International Baccalaureate Diploma**
Institut Montana Zugerberg, Zugerberg (CH)

LANGUAGES

Italian **Mother tongue**

Spanish **Mother tongue**
Taken as an A1 SL subject in the IB Diploma

English **Well spoken and written**
Taken as a B HL subject in the IB Diploma

German **Spoken and written**

WORKING EXPERIENCE

Feb. 2016 - Current **Freelance Developer**
Self Employed, Lugano (CH)

- Freelance developer on multiple projects, with varying technologies.

Jul. 2018 - Sep. 2018 **Q&A engineer (Internship)**
Avaloq Evolution, Zürich (CH)

- Created a testbed to perform end to end tests on the architecture of the OpenAPI project

- Jul. 2017 - Sep. 2017* **IT Consultant (Internship)**
Avaloq Evolution, Zürich (CH)
- Created an internal tool for project management
- Sep. 2016 - Dec. 2016* **Software Developer (Internship)**
Città di Lugano, Informatics Department, Lugano (CH)
- Created an Android App and Server for the validation of parking permits
 - Helped integrate a payment system into the existing architecture
- Jul. 2016 - Sep. 2016* **Undergraduate Research Opportunities Program**
Università della Svizzera Italiana, Lugano(CH)
- Created an iOS app, Server and Web Client as part of the project “Roaming Objects - Object-Encoded Digital Experiences”
 - Part of the European project RECALL
- Jul. 2015 - Sep. 2015* **Undergraduate Research Opportunities Program**
Università della Svizzera Italiana, Lugano (CH)
- Created a binary classification system based on OpenCV for the classification of large datasets of images for the project “A Toolchain for Visual Memory”
 - Part of the European project RECALL

COMPUTER SKILLS

Programming Languages

Proficient Java, Python, JavaScript, Objective – C
Familiar C++, C, Scala, Bash, MATLAB, PHP, Swift

Operating Systems

Proficient macOS, iOS, Windows
Familiar Linux based distributions

Markup Languages

Proficient L^AT_EX, HTML
Familiar CSS

Various Tools

IDEs Xcode, Eclipse, JetBrains PyCharm, JetBrains IntelliJ IDEA
Version Control git, SVN
SDKs iOS, macOS, Android
Frameworks Spring Boot, Spring Security, Spring Data, Vue.js, Flask, Jinja2, OpenCV
Databases MySQL, MongoDB, SQLite, PostgreSQL
Orchestrators Kubernetes, OpenShift
Other Kafka, Gitlab with Gitlab CI, Jenkins, Docker