

# IVAN ANTONINO ARENA

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## EXPERIENCE

**Qualcomm Technologies**  
*Software Engineer Intern*

Cork, IR  
May 2023 - August 2023

- Development of ASICs and SoCs in advanced CMOS processes for multifunction mobile platforms

**Athesys Srl**  
*Software Engineer Intern*

Padua, IT  
Mar 2023 - May 2023

- Single Sign-On Integration in Unix Pluggable Authentication Module (Unix PAM)

## EDUCATION

**Università degli Studi di Padova**  
BSc Computer Science

Padua, IT  
Sep 2020 - 2023

**Liceo Scientifico "Enrico Medi"**  
Scientific High School Diploma

Barcellona Pozzo di Gotto, IT  
Sep 2015 - Jun 2020

## SKILLS

Languages: JavaScript, C/C++, HTML5, CSS3, Sass, PHP, Python, LaTeX, SQL  
Frameworks: React, React Native, Node.js, Bootstrap  
Developer Tools: Git, Visual Studio Code, Linux

## PROJECTS

**QtChartifier** *C++, Qt*

A chart-oriented MS Excel clone.

[github.com/ivanarena/unipd-progetto-pao](https://github.com/ivanarena/unipd-progetto-pao)

**San Junipero Metaverse** *PHP, HTML5, CSS3, JavaScript, MySQL*

[github.com/ivanarena/unipd-tecnologie-web](https://github.com/ivanarena/unipd-tecnologie-web)

Accessible dynamic showcase website for a metaverse service.

**La Jetée** *Next.js, JavaScript, Markdown*

A static blog website that converts markdown files to blog posts in deployment.

[www.lajetee.online/](https://www.lajetee.online/)

**Matrix Product Calculator** *C++*

Row-column product calculator for matrixes of integers.

[github.com/ivanarena/integer-matrix-product](https://github.com/ivanarena/integer-matrix-product)

**GCD Finder** *C++*

Find Greatest Common Divisor (GCD) between two integers using recursive implementation of Euclid's algorithm.

[github.com/ivanarena/gcd-finder](https://github.com/ivanarena/gcd-finder)

**SoundExp's Database** *PostgreSQL, C++*

Database for an audio streaming service.

[github.com/ivanarena/unipd-basi-di-dati](https://github.com/ivanarena/unipd-basi-di-dati)

**Decimal to Roman Converter** *HTML5, CSS3, JavaScript*

[ivanarena.github.io/decimal-to-roman-converter/](https://ivanarena.github.io/decimal-to-roman-converter/)

Real-time decimal to Roman integer converter in Vanilla JavaScript.

## CERTIFICATIONS AND PUBLICATIONS

**JavaScript Algorithms and Data Structures Developer Certification**

Approximately 300 hours of practice.

FreeCodeCamp

Aug 2021

**Responsive Web Design Developer Certification**

Approximately 300 hours of practice.

FreeCodeCamp

Mar 2020

**LearnQuest's Cloud Computing Basics (Cloud 101)**

Learned about Cloud services and infrastructures.

Coursera

Oct 2020

**Fundamentals of Digital Marketing**

Learned about different strategies to build and manage an online business.

Google Digital Training

Dec 2019

**"S.A.L.M.O. - Riconosci il nome?"**

More than 300 copies sold.

Arcana Edizioni

July 2021

**"Gli anni 2000 in 100 canzoni"**

Co-authored

Arcana Edizioni

June 2022