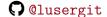
Luca Zaninotto







EDUCATION

Bachelor in Computer Science

Università degli studi di Padova Final grade 110/110 with Laude 2018 - 2021

• Master in Computer Science

Università degli studi di Padova Major in Programming languages and systems, with a focus con computability, advanced algorithms and static analysis with abstract interpretation.

Current GPA - 29/30 2021 - on going

Erasmus+

Helsingin yliopisto

Took part to the Erasmus+ program at the university of Helsinki, Finland, studying functional languages, and cybersecuritu

gen 2022 - mag 2022

Languages

English: IELTS 7.5 grade French: B2 with TCF





INTERNSHIPS

Sunclab s.r.l.

Internship

Worked as an intern for my bachelor thesis, developing a (fullstack) dapp using ethereum and hotmoka as backends, angular as fronted, hosting the resulting product on IPFS.

2021

PROJECTS

Advanced algorithms

Implemented and compared different algorithms for the minimum cut problem, the results and a short article can be found on GitHub 1

 Languages for concurrency and Lisp Implemented a Lisp library to enable concurrency based on channel communication, implementing π -calculus and the actors model.

Backend

Implemented as a year long course project for Software engineering a backend in Java with restful APIs (using Spring hateoas) and a database with MongoDB.

 Embedded and low level programming I've gained experience in various courses (mainly about cycbersecurity) with low level programming and embedded systems, i.e., C/C++ and assembly languages and tools such as qdb, valgrind and radare2.

· Missing semester in CS

Held informal lectures on Git and software versioning in general. on translating the Missing semester resource from MIT in Italian²

More

Fluent in C/C++, Java and Python, I have a solid base of Rust, Typescript, JavaScript and Lisp. Good knowledge of HTML and CSS and all the major frameworks for web development, like Angular, React and Vue. Go and ErLang recently studied at university.

¹https://lusergit.github.io/posts/minimum_cuts.html

²https://github.com/missing-semester-it/missing-semester-it.github.io