Frederico Ramos
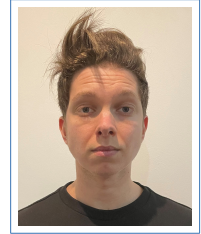*Curriculum Vitae*

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Education

2022-present	**PhD in Computer Science and Engineering** , *Instituto Superior Técnico*, Lisbon, Portugal
2019–2021	**M.Sc. in Information Systems and Computer Engineering**, *Instituto Superior Técnico*, Lisbon, Portugal
Thesis	Toward Tool-Independent Summaries for Symbolic Execution (Grade: 19/20)
Supervisors	Prof. Pedro Adão and Prof. José Fragoso
2015–2019	**B.Sc. in Information Systems and Computer Engineering**, *Instituto Superior Técnico*, Lisbon, Portugal

Professional Experience

2022–2023	**Teaching Assistant**, Instituto Superior Técnico, DEI
	Courses: Forensics Cyber-Security, Operating Systems and Distributed Systems
2021–2022	**Research Assistant**, Project INFOCOS *PTDC/CCI-COM/32378/2017* INESC-ID

Publications

2023	**ECOOP'23**, *Toward Tool-Independent Summaries for Symbolic Execution*
2023	**ISSTA'23**, *MetaData262: Automatic Test Suite Selection for Partial JavaScript Implementations*
2023	**ISSTA'23**, Poster: *Specification-Driven Synthesis of Summaries for Symbolic Execution*
2022	**KLEE'22**, Poster at the 3rd International KLEE Workshop on Symbolic Execution
	Empirical Study on Applying Program Analysis and Testing Tools to Student Code

Invited Talks

2023	**Amazon**, Invited Talk at Amazons's London office hosted by Daniel Schoepe
	Automatic Test Suite Selection for Partial JavaScript Implementations
2022	**Meta**, Invited Talk at Meta's London office hosted by Jules Villard
	Toward Tool-Independent Summaries for Symbolic Execution

Extra Activities

2023	**MOD23**, Summer School Marktoberdorf 2023
2023	**Student Volunteer**, ECOOP'23 & ISSTA'23 Seattle
2022	**Student Volunteer**, ECOOP'22 Berlin

Awards & Honors

2022	**Academic Merit Diploma**, Instituto Superior Técnico (Academic year 2020/2021)

Technical Skills

Programming	C, C++, C#, Java, JavaScript, Python, X86 Assembly
Program Analysis	Model Checking, Symbolic Execution, Taint Analysis