

Study Plan

Joao Paulo Pizani Flor

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Personal data

Master programme: Computing Science
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Bachelor background

4-year B.Sc in Computer Science at Federal University of Santa Catarina, Brazil.

Plan

Study-line/track: Software Technology

		Cat.
Year 1		
Block-1	Algorithms and Networks	E
	Generic Programming	M
Block-2	Advanced Functional Programming	M
Block-3	Compiler Construction	M
	Program Verification	M
Block-4	Automatic Program Analysis	M
	Dependently-Typed Programming	S
Year 2		
Block-1	Experimentation Project (15 ECTS)	X
Block-2	Data Mining	E
	Thesis project	Th
Block-3	Theory of Programming and Types	E
	Thesis project	Th
Block-4	Thesis project	Th
	Colloquium Computing Science	CSC

Colloquium

How many colloquium attendance do you plan in your first year? **15**

When do you plan to give your colloquium talk? **In Block 2 of the 2nd year**

Title of your colloquium talk:

- **An Embedded Hardware Description Language using Dependent Types**

Projects

Experimentation Project (if applicable):

- **Title: Comparing functional Embedded Domain-Specific Languages for hardware description**
- **Supervisor: Wouter Swierstra**

Thesis project:

- **Title: Pi-Ware: An Embedded Hardware Description Language using Dependent Types**
- **Supervisor: Wouter Swierstra**

Approval