NICOLAS VINCENT

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INTERNSHIPS

Formalizing Descend's Views **TU, Berlin, Germany**
Team : COMPL 2025-05-25 – 2025-08-01
Supervisor(s) : Michel STEUWER, Bastian KÖPCKE
- Formalization and formal proof in Rocq of views and execution resources (notably warps) of the safe GPU programming language Descend

Programming Models and Execution Engines for Computational Storage **IRISA, Rennes, France**
Team : KerData 2024-09-26 – 2025-05-12
Supervisor(s) : Jakob LUETTGAU, Marcello TRAIOLA
- Implementation and analysis of computational storage accelerators for climate datas

Semantic study of grammatical dependancy relations **LORIA, Nancy, France**
Team : Semagramme 2024-06-03 – 2024-08-09
Supervisor(s) : Philippe DE GROOTE
- Work on systematic traduction of dependency analysis into Montague's semantic terms

EDUCATION

1st year of a Computer Sciences master's degree (M1 SIF) **Rennes, France**
ENS Rennes 2024 – Present
- **Courses**: Operating Systems, Compilation

Computer Sciences bachelor degree (L3 SIF) **Rennes, France**
ENS Rennes 2023 – 2024
- **Courses**: Fonctionnal Programming (λ-Calculus and OCaml), Logics, Formal Languages, System Architecture

MP2I/MPI* **Nantes, France**
Lycée Clemenceau 2021 – 2023

"Baccalauréat Général" **Vannes, France**
Lycée Lesage 2018 – 2021
- **Courses**: Computer Sciences, Mathematics, Physics

PROGRAMMING CONTESTS

Prologin 2024 **Rennes & Paris, France**
Issued by *Prologin* 2024
- 16th in national qualifications
- 3rd in breton regional semifinals

Southwestern European Regional Contest **Paris & Lyon, France**
Issued by *ICPC* 2024
- 47th/108 (January 2024)
- 72th/171 (November 2024)

Break the Code **Rennes, France**
Issued by *Sopra Steria* 2023, 2024
- 4th/80 (2023)

- 9th/63 (2024)

Global Game Jam 2021
Issued by *Global Game Jam* 28-01-2021 – 30-01-2021
- Created a 2-player game about “Duality” in a 48-hours time

LICENSES & CERTIFICATIONS

Cambridge Certificate of English
Issued by *Cambridge University* 2021
- B2 in Reading | B2 in Use of English | C1 in Writing | C1 in Listening | B1 in Speaking

Deutsches Sprachdiplom
Issued by *Kultusministerkonferenz* 2018
- B1 in Writing | B1 in Listening | B1 in Speaking | B1 in Reading

SKILLS, LANGUAGES, INTERESTS

- **Languages**: French (Native speaker), English (Fluent), German (Basic proficiency)
- **Programming**: Python, OCaml, C, C++, Coq
- **Interests**: Video/Board Games, Competitive Programming, Logics, Music (Clarinet, Singing)

*This document was last updated on 2026-01-29 using ~~LaTeX~~ Typst.