





Alejandro Flores Lamas


PhD in Computer Science



Mexico



<https://alexfloreslamas.github.io/>



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About me —————
PhD in Computer Science with expertise in algorithm analysis and design, actively seeking opportunities to advance my research skills and contribute to impactful, high-quality projects. I am passionate about conducting innovative research independently and collaboratively, fostering diverse perspectives to broaden the scope and applicability of my work.

Skills

macOS & Microsoft Windows

Linux

iWork, Microsoft Office & L^AT_EX

Python & NetworkX

Java & R

Ruby, C++, Visual Basic, .NET, Igraph

GitHub & GitLab

Spanish language

English language

German & Italian languages

Interests

My research interests include **algorithms for graphs**, **approximation algorithms**, **parameterized complexity**, **string constraint algorithms**, and the reconstruction of **evolutionary histories**.

Education

- 2012-2018 **MSc (2014) & PhD (2018) in Computer Science**
CICESE Research Center, *Mexico*
- 2007-2012 **BEng Computer Engineering**
Universidad Autónoma de Zacatecas, *Mexico*
- 2009-2010 **Visiting student (BEng Computer Engineering)**
University of Manitoba, *Canada*
- 2006-2007 **ESL, English as Second Language**
University of Belize, *Belize*



Research Experience

- 2024-2025 **Research Associate**
Cinvestav Research Center, *Mexico*
- 2020-2023 **Postdoctoral Research Assistant**
Royal Holloway, University of London, *United Kingdom*
- 2019-2019 **Research associate**
The Artificial Intelligence Consortium of CONACYT Public Ctrs., *Mexico*
- 2015-2018 **PhD in Computer Science**
CICESE Research Center, *Mexico*
- 2010-2012 **Electrical Engineering Council Member**
CICESE Research Center, *Mexico*



Publications

Please refer to my website at <https://alexfloreslamas.github.io/>. Alternatively, if you would like a comprehensive overview of my credentials, please feel free to request a full CV.

Service

- 2025 Program Committee Member. 51st Latin American Informatics Conference (CLEI 2025), [Intelligent Systems Track at CLEI](#), Valparaíso, Chile
- 2024 Sub-reviewer. Thirteenth International Conference on Complex Networks & Their Applications, [Istanbul, Turkey](#)
- 2024 Program Committee Member. 50th Latin American Informatics Conference (L CLEI 2024), [Intelligent Systems Track at CLEI](#), Argentina
- 2023 Program Committee Member. Encuentro Nacional de Computación 2023 (ENC 2023), [1st Workshop on Evolutionary Computation in Practical Engineering Applications \(CEAPI\)](#), Mexico
- 2010-2012 Electrical Engineering Council Member. The Autonomous University of Zacatecas, Mexico

Grants & Awards

- 2022 SNI candidate level (Early Career Researcher), Mexican National System of Researchers.
- 2012-2018 CONACYT, National Scholarship for Master's studies (2012-2014) & National Scholarship for Doctoral studies (2015-2018).
- 2012 Academic Excellence, ANFEI National Association of Faculties and Engineering Schools.
- 2011 COZCYT, State Scholarship for Bachelor's studies.
- 2009-2010 The North American Engineering Innovation and Training Program.
- 2006-2007 The University of Belize, in partnership with the Ministry of Education, Cultural Science Technology.