

Israel Buitrón

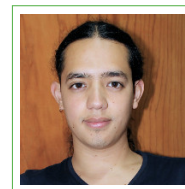
M.Sc.

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Education

- 2013–today **PhD**, *Computer Science*, Center for Research and Advanced Studies of National Polytechnic Institute, Mexico City.
- 2009–2012 **Master**, *Computer Science*, Center for Research and Advanced Studies of National Polytechnic Institute, Mexico City.
- 2004–2009 **Bachelor**, *Software Engineering*, Escuela Superior de Cómputo of National Polytechnic Institute, Mexico City.

PhD thesis

- title *Autenticación en medios móviles con protocolos de conocimiento nulo*
- advisors Dr. Guillermo Benito Morales Luna and Dr. Feliú Davino Sagols Troncoso
- description Resear about graph theory NP-problems based on hamiltonian cycles in hypercubes and purpose an authentication protocol.

Master thesis

- title *Security services for the communication of mobile devices for the ELISA project*
- advisor Dr. Guillermo Benito Morales Luna
- descripción Prove PKI services on mobile devices for a first aid service project called *ELISA*

Experience

Academic

- 2016–today **Discrete Mathematics Coordinator**, *Escuela Superior de Cómputo of National Polytechnic Institute*, Mexico City.
- 2015–today **Associate A Professor**, *Escuela Superior de Cómputo of National Polytechnic Institute*, Mexico City.
- 2012–2013 **Course Professor**, *Escuela Superior de Cómputo of National Polytechnic Institute*, Mexico City.

Languages

Spanish Native
Nahuatl Intermediate
English Intermediate
French Beginner

Academic interests

- Graph theory
- Zero-knowledge proofs
- Electronic voting
- Authentication protocols
- Mobile computing
- PKI