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**Work**  
Software Languages Lab  
Computer Science Department, Vrije Universiteit Brussel, Belgium  
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<b>Personal Information</b>	<b>Nationality</b> Cuban
	<b>Place of birth</b> Holguín, Cuba

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<b>Academic Formation</b>	<b>Doctor of Sciences.</b> Vrije Universiteit Brussel, Belgium.
	<b>Master's degree in Applied Mathematics and Informatics for the Administration.</b> University of Holguín, Cuba
	<b>Bachelor's degree Informatics engineering.</b> University of Holguín, Cuba

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<b>2010-2015</b>	Teaching Assistant at Informatics and Mathematics Faculty. University of Holguín, Cuba.
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<b>2016-Now</b>	Research Assistant at Software Languages Lab, Vrije Universiteit Brussel, Belgium. Advisor of 3 master's theses at Vrije Universiteit Brussel Advisor of 3 bachelor's thesis at Vrije Universiteit Brussel
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**Teaching Experience:**

- Cloud Computing, **2018, 2019, 2020 (VUB)**
- Security in Computing, **2020, 2021 (VUB)**
- Introduction to Programming, **2010-2015 (UHO)**
- Object Oriented Design and Programming, **2010, 2012, 2014 (UHO)**
- Data Structures and Algorithms, **2011, 2013 (UHO)**
- Web Programming, **2012, 2014 (UHO)**

**Professional Experience**

**Professional services**

- Researcher of the SeCloud project VUB, **2016-2019**
- Researcher of the iReachm project at VUB, **2018-2018**
- Researcher at the Software Development Group (GPRODSOFT) at the University of Holguín, **2007-2014**
- Researcher at the Information Retrieval Group at the University of Holguín, **2008-2012**
- Coordinator of the Data Representation and Modeling Group at the University of Holguín. Conducting research regarding Information Retrieval and Recommender System mainly. **2013-2015**
- Developer of the Editorial Management System ¡ahora! The objective of the project was the development of a workflow system using Liferay Portal and Jboss Jbpm as workflow engine, **2006-2010**

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## Languages

- English (Read, write and communication), Spanish (mother tongue)
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### Received courses

- Semantics Technologies, University of Holguín; Holguín, Cuba **,2010**
- Text Based Information Retrieval. KU Leuven; UCI. Cuba, **2014**
- Introduction to Microcontroller I/O. KU Leuven; UCI. Cuba, **2014**

### Imparted courses

## Postgraduate courses

- International post grade "Software Development Trends" University of Las Palmas from Gran Canaria. MGC Group, MIC, UCI, CTD-Holguín; Holguín, Cuba **2011**.
  - Development of Enterprise Web Applications with Groovy and Grails. Holguín, Cuba **2012**
  - Development of Enterprise Web Applications with ExtJS. Moa-Nickel. Moa, Holguín. Cuba **2013**.
  - Development of Enterprise Web Applications with Play! Framework. Holguín, Cuba **2014**.
  - Cloud Computing & Big Data Applications, **2017-2018, 2018-2019, 2019-2020, (VUB)**
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## Distinctions

- Best graduate researcher of the Informatics and Mathematics Faculty at the University of Holguín, **2010**
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## Research papers and events

- Angel Luis Scull Pupo, Jens Nicolay, Elisa Gonzalez Boix. *Deriving Static Security Testing from Runtime Security Protection for Web Applications*. The Art, Science, and Engineering of Programming. 6(1): 1 (**2022**)
  - Scull Pupo, A. L., Nicolay, J., & Gonzalez Boix, E. (**2020**). *Tamper-proof security mechanism against liar objects in JavaScript applications*. Abstract from *Programming: The International Conference on the Art, Science and Engineering of Programming*, Porto, Portugal.
  - Scull Pupo, A. L., Nicolay, J., Efthymiadis, K., Nowe, A., De Roover, C. & Gonzalez Boix, E., 15 Mar 2019, *Proceedings of the 26th International Conference on Software Analysis, Evolution, and Reengineering (SANER 2019)*. Shihab, E., Lo, D. & Wang, X. (eds.). IEEE, p. 624-628 5 p. 8667979. (SANER 2019 - Proceedings of the 2019 IEEE 26th International Conference on Software Analysis, Evolution, and Reengineering).
  - Practical Information Flow Control for Web Applications. Scull Pupo, A. L., Christophe, L., Nicolay, J., De Roover, C. & Gonzalez Boix, E., **Nov 2018**, *Lecture Notes in Computer Science : Proceedings of the 18th International Conference on Runtime Verification*. Springer, Vol. 11237. p. 372-388
  - GUARDIA: specification and enforcement of javascript security policies without VM modifications. Scull Pupo, A. L., Nicolay, J. & Gonzalez Boix, E., **12 Sep 2018**, *Proceedings of the 15th International Conference on Managed Languages &*
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*Runtimes*. Association for Computing Machinery (ACM), 15 p. 17

- Toward Hybrid Enforcement of Security Policies in JavaScript Applications. Scull Pupo, A. L., Nicolay, J. & Gonzalez Boix, E., **12 Sep 2018**.
  - Practical dynamic information flow control for client-side web applications. Scull Pupo, A. L., Nicolay, J. & Gonzalez Boix, E., **28 Sep 2017**.
  - Declaratively Specifying Security Policies For Web Applications. Scull Pupo, A. L., Nicolay, J. & Gonzalez Boix, E., **30 Oct 2016**.
  - 14th International Conference on Managed Languages & Runtimes Angel Luis Scull Pupo (Participant) **27 Sep 2017** → **29 Sep 2017**
  - Alliance Workshop VUB-SOFT/UGent. Angel Luis Scull Pupo (Speaker). **20 Jan 2017**
  - Meta 2016. Angel Luis Scull Pupo (Speaker). **30 Oct 2016**
  - Machine learning in aid to knowledge management of scientific information in the "University of Holguin". March **2015**.
  - Study of techniques and tools of Automatic Summarization of documents in academic environments. February **2015**.
  - VII Scientific Conference of the University of Holguin. Cuba **2015**.
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