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# Donovan Riaño E.

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Github

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Expected Graduation

2022 / June - August

## Education and Certifications

2017-Now	<b>8th Semester of Bachelor's Degree</b> Most Important Subjects: Objected-Oriented Programming, Artificial Intelligence (IA), Data Bases, Secure Data Networks, Data Structure and Algorithms (I and II), Electronic Devices, introduction to Microcontrollers.	UNAM, Facultad de Ingeniería
Winter 2018	<b>Extracurricular Course</b> La Integral, Métodos de Integración y Aplicaciones Course Purpose: applications of Integrals, 15 hours.	Anexo de Ingeniería, UNAM, CDMX
Summer 2019	<b>Extracurricular Course</b> Python & Machine Learning advanced Course Purpose: examples, implementations and uses of Artificial Neural Networks with tool Colab by Google, 10 hours.	Anexo de Ingeniería, UNAM, CDMX
April 2020	<b>Extracurricular Course</b> Mobile Apps design Course Purpose: Understand the principles, advices and tools to Design Apps in Android, IOS or some design Webs Sites, 40 hours.	Google Actívate
May 2020	<b>Extracurricular Course</b> Project management with Agile methodologies and Lean approaches Course Purpose: basic knowledge about the SCRUM methodology, roles, reunions, PBI's, etc. 6 weeks.	Conecta Empleo, Movistar Foundation
May 2020	<b>Extracurricular Course</b> Introduction to Online Marketing Course Purpose: basic knowledge about techniques, concepts, market and competition analysis and ways of Marketing classic and digital to promote and Brand or company in the digital media. 6 weeks.	Conecta Empleo, Movistar Foundation

## Hackaton

- **Camptech. Rumbo a Call for Code 2020.** June 08 to July 30. IBM, SEFI UNAM, CETICA.

## Proceedings

- \* Riaño D., Molero-Castillo G. Vázquez Mena A., Bárcenas E.  
**Tratamiento de Expresiones Regulares en la Privacidad de Navegadores Web**  
*Conferencia Internacional de Investigación e Innovación en Ingeniería de Software (CONISOFT'19)*, Facultad de Ingeniería, UNAM, CDMX, México, 2019.
- \* Riaño D., Molero-Castillo G., Piñon R., Vázquez Mena A., Bárcenas E.  
**An Approach to Automatic Recognition of Web Advertising Focused on Different Languages.** *8th International Conference in Software Engineering Research and Innovation (CONISOFT)*, Chetumal, Mexico, 2020.

## Journals

- Riaño D., Molero-Castillo G. Vázquez Mena A., Bárcenas E.  
**Tratamiento de Expresiones Regulares en la Privacidad de Navegadores Web**  
*Abstraction and Application (A&A)*, Autonomous University of Yucatan, UADY, Mérida

Yucatán, November, volume 25, 2019. Available in:  
<https://intranet.matematicas.uady.mx/journal/index.php>

- Riaño D., Molero-Castillo G., Piñon R., Vázquez Mena A., Bárcenas E.  
**Regular Expressions for Web Advertising Detection based on an Automatic Sliding Algorithm.** *Programming and Computer Software, Springer Nature*, vol. 46, no. 7, 2020. Available in:  
<https://link.springer.com/article/10.1134%2FS0361768820080162>
- Riaño D., Molero-Castillo G., Piñon R., Vázquez Mena A., Bárcenas E.  
**Regular Expressions for Web Advertising Detection based on an Automatic Sliding Algorithm.** *Russian in Proceedings, Institute for System Programming of the Russian Academy of Sciences*, 2020.
- Riaño D., Molero-Castillo G., Piñon R., Vázquez Mena A., Bárcenas E.  
**An Approach to Automatic Recognition of Web Advertising Focused on Different Languages.** *8th International Conference in Software Engineering Research and Innovation (CONISOFT), Chetumal, Mexico, 2020. IEEEExplore.* Available in:  
<https://ieeexplore.ieee.org/document/9307804>

## General Skills

- *Programming: Python, R, Java, C, HTML, CSS, JavaScript*
- *Word Processor Markdown and  $\LaTeX$ .*
- *Human Signal Processing with Python (Libraries: NumPy, SciPy, Stats, Matplotlib, Pandas).*
- *Data Science with R and Python.*
- *Notions: Graphic Interfaces in Java, Optical Character Recognition (OCR) with Tesseract, Develop of RPA (Robotic Process Automation) , and OpenCV in Python.*
- *Oracle and Microsoft SQL Server Management Studio 2016.*
- *Basic Knowledges of Framework React Native.*
- *Software: Word, Excel, PowerPoint, LibreOffice, SublimeText, Visual Studio Code, Bash Linux.*
- *OS Preference:*
  - **GNU/Linux** ★★★★★
  - **Windows** ★★★★★
  - **MacOS** ★★★★★

January 13, 2021; Donovan Riaño Enriquez