



Elyoenai Guerra Segura

Application Development Associate • **ULPGC**



“Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid.”

-Albert Einstein

Personal Details

elyoenai.guerra@gmail.com

+34 646 512 942

[LinkedIn](#)

[GitHub](#)

[Google Scholar](#)

[ORCID](#)

Experience

- | | |
|-------------|---|
| 2016 - Now | <i>Application Development Associate</i>
Accenture Outsourcing Services SA
Full-time frontend/backend developer |
| 2015 | <i>Training in technological development</i>
Instituto de Astrofísica de Canarias
Development of a common framework to control the software of the optical equipments |
| 2015 | <i>Research training</i>
Fundación Universitaria de Las Palmas / Hospital Dr. Negrín
[Hospital Universitario de Gran Canaria Dr. Negrín] Image processing development |
| 2014 - 2015 | <i>Scientific dissemination</i>
Museo Elder de Ciencia y Tecnología Fundación Universitaria de Las Palmas |

Education

- 2016 - Now **PhD Student - EmiTIC: Empresa, Internet y Tecnologías de las Comunicaciones**
Focus area: Pattern recognition, signal & image processing, machine learning Universidad de Las Palmas de Gran Canaria (Spain)
- 2008 - 2014 **Telecommunication Engineer - Master's Degree**
Focus area: Signal & image processing
Universidad de Las Palmas de Gran Canaria (Spain)
- 2015 **Master's Degree - Soluciones TIC para Bienestar y Medioambiente**
Focus area: TICs for environment and health Universidad de Las Palmas de Gran Canaria (Spain)
- 2016 **Master's Degree - Secondary school professor training**
Focus area: Technology
Universidad de Las Palmas de Gran Canaria (Spain)

Languages & IT Strengths



C#, .Net, HTML, Java, Javascript, CSS, AngularJS, PHP, NodeJS, VBScript



Selenium (Java, C#, VBScript)



SQL Server, MySQL, PostgreSQL, Firebase



Git, Jira

Research career

- 2018 **MÉTODO PARA LA IDENTIFICACIÓN DE PERSONAS MEDIANTE EL TRAZO AÉREO DE SU FIRMA CON DEDO DE ESCRITURA**
Patente nacional expedida el 9 de abr. de 2018 Número y entidad emisora de la patentees, P201600090 Elyoenai Guerra-Segura, Carlos M Travieso, Jesús B Alonso
- 2017 **Study of the variability of the Leap Motion's measures for its use to characterize air strokes**
Measurement, Volume 105, 2017, Pages 87-97, ISSN 0263-2241 Elyoenai Guerra-Segura, Carlos M Travieso, Jesús B Alonso
- 2016 **Biometric approach based on physiological human signals**
2016 3rd International Conference on Signal Processing and Integrated Networks (SPIN), Noida, 2016, pp. 681-686. Néstor M Alemán-Soler, Carlos M Travieso, Elyoenai Guerra-Segura, Jesús B Alonso, Malay Kishore Dutta, Anushikha Singh
- 2015 **Image Processing Applied to Melanoma Detection**
Descripción de la publicación GRIN Verlag. ISBN (ebook): 978-3-668-07150-6. ISBN (book): 978-3-668-07151-3 Elyoenai Guerra-Segura, Carlos M Travieso-González, Jesús B Alonso-Hernández
- 2015 **Symmetry Extraction in High Sensitivity Melanoma Diagnosis**
Symmetry 2015, 7(2), 1061-1079 Elyoenai Guerra-Segura, Carlos M. Travieso-González, Jesús B. Alonso-Hernández, Antonio G. Ravelo-García, Gregorio Carretero
- 2015 **An image segmentation technique for melanocytic diseases classification in dermoscopy images**
I Congreso de Jóvenes Investigadores de Canarias, Universidad de La Laguna, Tenerife, España, 9-10 Abril 2015. ISBN: 978-84-606-8029-1 Elyoenai Guerra-Segura, Carlos M. Travieso-González, Jesús B. Alonso-Hernández, Gregorio Carretero
- 2015 **Evaluation of different mathematical distances to develop the Dynamic Time Warping algorithm applied to gesture recognition**
I Congreso de Jóvenes Investigadores de Canarias, Universidad de La Laguna, Tenerife,

Human Languages

Spanish	Native
English	Advanced – Escuela Oficial de Idiomas (B2 certificate)

Awards

2018	<i>First place in Hackaton 'Feel the Metal Power' by FEMEPA. Solution: https://ecocanarias.life</i>
2016	<i>Best academic records (Telecommunication Engineer - Master's Degree)</i>
2015	<i>Best academic records (Master's Degree - Soluciones TIC para Bienestar y Medioambiente)</i>

Resume available online @ <https://elyogs.github.io/resume>