



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

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+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>