# 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

in LinkedIn

○ GitHub

G Google Scholar

▣ ORCiD

## Experience

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

## Education

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

## Research career

| 2018 | **MÉTODO PARA LA IDENTIFICACIÓN DE PERSONAS MEDIANTE EL TRAZO AÉREO DE SU FIRMA CON DEDO DE ESCRITURA**<br>Patente nacional expedida el 9 de abr. de 2018 Número y entidad emisora de la patentees, P201600090<br>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**<br>Measurement, Volume 105, 2017, Pages 87-97, ISSN 0263-2241<br>Elyoenai Guerra-Segura, Carlos M Travieso, Jesús B Alonso |
| 2016 | **Biometric approach based on physiological human signals**<br>2016 3rd International Conference on Signal Processing and Integrated Networks (SPIN), Noida, 2016, pp. 681-686.<br>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**<br>Descripción de la publicaciónGRIN Verlag. ISBN (ebook): 978-3-668-07150-6. ISBN (book): 978-3-668-07151-3<br>Elyoenai Guerra-Segura, Carlos M Travieso-González, Jesús B Alonso-Hernández |
| 2015 | **Symmetry Extraction in High Sensitivity Melanoma Diagnosis**<br>Symmetry 2015, 7(2), 1061-1079<br>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**<br>I Congreso de Jóvenes Investigadores de Canarias, Universidad de La Laguna, Tenerife, España, 9-10 Abril 2015. ISBN: 978-84-606-8029-1<br>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***<br>I Congreso de Jóvenes Investigadores de Canarias, Universidad de La Laguna, Tenerife, España, 9-10 Abril 2015. ISBN: 978-84-606-8029-1<br>Elyoenai Guerra-Segura, Carlos M. Travieso-González, Jesús B. Alonso-Hernández |

## Human Languages

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

## Awards

| | |
|---|---|
| 2016 | ***Best academic records (Telecommunication Engineer - Master's Degree)*** |
| 2015 | ***Best academic records (Master's Degree - Soluciones TIC para Bienestar y Medioambiente)*** |

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