

GABRIELA VILLALOBOS-ZÚÑIGA

Doctoral Candidate in Human Computer Interaction and Persuasive Computing
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EDUCATION

- Dec. 2016 - present** **Université de Lausanne, Switzerland**
Doctoral Candidate
Focus: Human Computer Interaction and Persuasive Computing
Advisor: Mauro Cherubini
- 2013 - 2015** **Université Paris Sud XI, Orsay, France**
Aalto University, Espoo, Finland
Dual Master of Science Degree in Technology - High Honors GPA 4.17/5
Major: Human Computer Interaction and Design
Specialisation: User Modeling for Advanced Human Computer Interaction
- 2013 - 2015** **European Institute of Innovation & Technology - EIT Digital**
Minor: Innovation and Entrepreneurship
- 2006 - 2010** **Instituto Tecnológico de Costa Rica, Cartago, Costa Rica**
Bachelor in Computing Engineering

FULL TIME EMPLOYMENT

- Dec. 2015 - Sept. 2016** **User Experience Consultant**
Hewlett Packard Enterprise, Heredia, Costa Rica
- Use of Human Centered Design to problem solving and solution design.
User research, wireframe, rapid prototyping, user testing.
- Front-end development using HTML5, CSS3, AngularJS and Bootstrap.
- Jun. - Sept. 2015** **Research Assistant - User Interfaces Research Group**
School of Electrical Engineering, Aalto University, Espoo, Finland
- Researched on safe in-car text entry
- May. - Jul. 2014** **In-Situ Lab - INRIA Intern**
Université Paris-Sud, Gif-Sur-Yvette, France
- Designed the Interaction, GUI and developed a Structure Video Prototype Tool, using Objective-C
- May. 2011 - Aug. 2013** **Technology Consultant**
Hewlett Packard, Heredia, Costa Rica
- Implemented HP Labs prototypes for 4 different projects in the areas of data analysis and data visualisation using Java, Javascript, JQuery mobile, HTML, C#.
- Performed Research & Development that concluded in elaboration of academic publications
- Contributed with teams across multiple time zones
- Lead a team of 3 developers to deploy an Android mobile game
- Aug. 2010 - Mar. 2011** **Web Developer**
Publismark Lowe, San José, Costa Rica
- Implemented internal site of a Costa Rican national bank
- Implemented marketing site for a car company
- Designed and implement a Facebook app for a video game company
- Jan. - Aug. 2010** **Game Developer**
Fair Play Labs, San José, Costa Rica
- Developed Dora Literacy Web-Game, Nickelodeon NickJr Boost, using ActionScript
- Performed game testing

AWARDS

- Apr. 2014 **1s Place Entreprendre pour Apprendre France National Competition**
Awarded to Settlr Team, representing the region Ile-de-France
- May. 2013 **Innovation Award**
Successful deployment of a tool to provide critical information to HP's vice-presidents
- Apr. 2012 **Making a difference: Innovation**
Contribution in the innovation area at Hewlett Packard
- Nov. 2011 **Customer Hero Award**
Excellent work satisfaction score received by HP Labs Israel

RELATED EXPERIENCE

- Jun. 2016 **Invited Talk**
Topic: What is Human Computer Interaction?
40 year anniversary of Computing Engineering School, Instituto Tecnológico de Costa Rica.
- Aug. 2014 **Business Development Summer School**
Topic: Health and Wellbeing
Eindhoven University of Technology
- Jul. 2014 **JA-YE Entrepreneurship Europe Competition**
Participation with Settlr Startup
Amsterdam, The Netherlands
- 2012 - 2013 **Toastmasters International - Hewlett Packard Costa Rica**
Vice-President of Membership
- 2007 - 2008 **ACM ITCR Student Chapter**
Vice-President

PUBLICATION

- Oct. 2016 **T9+HUD: Physical Keypad and HUD can Improve Driving Performance while Typing and Driving**
Villalobos-Zúñiga, G., Kujala, T., Oulasvirta, A.
Proceedings of Automotive'UI
Ann Arbor, Michigan

COMPUTER SKILLS

Languages

Java, Java-Script, C, C++, C#, Objective C, Assembly Language(X86 Pic), Scheme, Prolog, Pascal, Python, PHP, CSS, HTML, XML, JQuery, JQuery Mobile, ActionScript 3.0, Standard SQL, MATLAB, Processing, Arduino.

Applications

Adobe Photoshop CS6, Adobe Illustrator CS6, Eclipse, Spring, Visual Studio (through 2012), iLife, iWork.

LANGUAGE SKILLS

Spanish

Native Language

English

Proficient

French

Proficient

Finnish

Beginner

REFERENCES

Dr. Antti Oulasvirta

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Aalto University
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Dr. Wendy E. Mackay

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