

# Curriculum Vitae

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## Specific expertise:

- Experience, and I particularly enjoy, working in multidisciplinary and multicultural teams in different environments.
- Expertise working in marginalize groups and communities,
- Experience in teaching and training people in diversity of settings.
- Over 15 years experience and leadership on the design, development and research of contextual application, contextual games that create meaningful experiences in-situ.
- Experience and research interest on the promotion of collaboration, knowledge exchange, accessibility and reflection informal learning and play
- Expert facilitator in ideation phase with co-design and participatory design methods.

## Education:

- 2005 – 2012: **Doctoral degree at the Educational Technologies** research group in the School of Computing, at the University of Eastern Finland, Campus Joensuu, Finland. Dissertation title: *Hypercontextualized Games*
- 2000-2003: **MSc, Communication and Media Engineering**, University of Applied Science Offenburg, Offenburg, Germany
- 1994-2002: **BSc, Electronic Engineering and Communication Systems**, Universidad Iberoamericana, Mexico City, Mexico
- 1990-1994S: **Studies of Electronic Engineering and Electronic Systems**, University La Salle, Department of Engineering, Mexico City, Mexico.

## Relevant professional experience:

- Since Oct 2017 - University Teacher at University of Turku
  - Organize the Discovery Europe workshop at Euromed 2020.
  - Coordinate the Summer School of the UNESCO chair *in ICT to develop and promote sustainable tourism in World Heritage Sites* entitle: [Co-creating on-the-road ICT solutions to promote Sustainable Tourism in World Heritage Sites](#)
  - Teacher at the [FiTech Network](#)
- Since 2010: co-founder and contextual designer at Ubium
  - Finalist at [MyGalileoApp competition at the European Global Navigation Satellite Systems Agency](#)
  - Partner [at the European H2020 project BODEGA](#)
  - Regional Winner at the European Satellite Navigation Competition 2014
- 2014 -2017: Honorary researcher at North West University, Vaal Campus, South Africa.
- 2013 – 2015. Lecturer and academia advisor in game design and development, at University of Eastern Finland.
- 2013 – Summer, Lecturer at Ajou University, South Korea
- 2012 (August – December) – Coordinator of IMPIT-CBU, University of Eastern, Finland
- 2012 (April – August) – Lecturer at WWEDU, AUSTRIA
- 2012 – 2015 Lecturer at University of Eastern Finland during different periods, due to different projects.
- 2006 -2017. Contextual game designer, through different projects.
  - **Matkalla** project between Lieksan keskuskoulu in Lieksa Finland, and Colegio Filandés in Guadalajara, México.
  - **Elämän Pitkospuut**: project conducted at Kiteen Evankelisella Kansanopistolla
  - **Windows to the World**, game for a photography exposition accompanied with orchestra music.

- *Exposition was open to the public 24hrs, 7days during a month at Kauppahalli, Joensuu*
- TekGame, for the Museum of Technology in Helsinki, Finland.
- Heroes of Koskenniska, game for the UNESCO Biosphere Region of NorthKarelia, Finland, 2009
- **LieksaMyst**, game for the Pielinen Museum in Lieksa, Finland, 2007-2010
- **Game Design Workshop, Working for my Dreams, in Iringa, Tanzania**, 2009
- TekMyst, game for the Museum of Technology in Helsinki, Finland, 2008
- SciMyst game for the Science Festival in Joensuu, 2007-2009.
- Game workshop for senior citizens in Joensuu, Finland, 2006-2007
- 2001 – 2005: Research assistant and IT manager of the multimedia integration laboratory at University of Applied Science Offenburg, Germany.
- 1999 – 2000: Area manager at Siemens microelectronics, Infineon Technologies.

#### **Academic honors and awards:**

- FinCEAL travel grants
- STELLAR, European Network of Excellence in Technology Enhance Learning, travel grants and mobility exchange.
- University of Gothenburg, Sweden award to course Games Learning and Education given by the Linnaeus Centre for Research on Learning, Interaction and Mediated Communication in Contemporary Society (LinCS), Sweden.
- Microsoft, conference Foundation of Digital Games
- Faculty Grant, University of Joensuu, Finland
- Ella and Georg Ehrnrooth foundation, Finland
- CONACyT, Mexican Government Scholarship Pools
- CIMO, Finnish Government Scholarship Pools
- DAAD, Germany
- Full Grant Universidad Iberoamericana
- Secretaria de Educacion Pública

#### **Competitions:**

2015 - Ubium is part awarded H2020 project BODEGA

2014 - Regional Winner at the European Satellite Navigation Competition.

#### **Reviewer:**

2021 – FIE conference reviewer

2020 – PhD reviewer Mr. Geff from University of Johannesburg.

2019 - 2020 – Swiss National Science Foundation

2013 – 2017, 2021 – GALA conference

2012 - International Journal of Technology Enhanced Learning, special issue.

2008 - Edited book of the Nordic Conference of Serious Games.

2006 - IEEE 4th International Workshop on Technology for Education in Developing Countries.

#### **Students supervision (IT projects and Master Thesis):**

- ▶ Yevgeniza Bugayova, Master Thesis: What is the state of the art in the research of collaborative and cooperative games?, 2017
- ▶ Azra Tayebi, Master Thesis: Accessibility evaluation of a browser-based audio memory game with visually impaired players, 2016
- ▶ Matthew Bond, Master Thesis: Enjoyable, educational games - A design science study into complex interactive simulation games, 2015
- ▶ Tanya Chuzhanova. Master Thesis: Multimedia preferences through mobile phones, 2012
- ▶ Anna Gimbitskaya, Master thesis: Integration of Sensor Web Approaches within the monitoring tools for wireless sensor networks, 2011
- ▶ Ekaterina Kuts. Master thesis: Comprehensive study of integrated camera as a tool for collaboration in multiplayer mobile serious games, 2008

**Languages:**

Spanish (mother tongue), English (C2 level), German (B2 level), Finnish (A2 level)

**Community Service:**

- ▶ Collaboration on the [Step Europe](#)'s Garden project.
- ▶ Starting the club of **handicraft and technology** with focus on girls but not exclusive: **Fear4Electronics**
- ▶ Hosting international students in Offenburg, Germany.
- ▶ Teach Spanish to foreign students at the Universidad Iberoamericana, Mexico.
- ▶ Volunteer at Hunting Beach Library, CA, USA.
- ▶ Hospital Volunteer, Adolfo Lopez Mateos, Mexico.
- ▶ Teacher's aid for program Punitas, UNAM, Mexico.
- ▶ Missionary work at the Sierra del Zamorano, Queretaro, Mexico City.
- ▶ Tutor of children in lower economic areas in Mexico City.