

Rosa Romero Gómez, Ph.D

DATA VISUALIZATION EXPERT

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Education

UC3M (Universidad Carlos III de Madrid)

PH.D. COMPUTER SCIENCE AND TECHNOLOGY

• Specialty: Human-Computer Interaction, Information Visualization

Madrid, Spain

Oct. 2010 - Jan. 2016

UC3M (Universidad Carlos III de Madrid)

M.SC. COMPUTER SCIENCE AND TECHNOLOGY

• Specialty: Distributed, multimedia, and secure systems

Madrid, Spain

Sep. 2009 - Sep. 2010

Work Experience

Uncharted Software

Washington (DC), United States of America

SENIOR RESEARCH ENGINEER & DATA VISUALIZATION SCIENTIST

- Translate and synthesizing research findings, project requirements, and team input into visual analytics solutions
- Development of visual analytics tools
- Design and conduct user studies with analysts for usability of such visualization tools

Jun. 2018 - Present

Intelygenz Software

DATA VISUALIZATION EXPERT

- Design and development of a visualization prototype to help machine learning analysts to understand machine learning models results

Madrid, Spain

May. 2018

GaTech (Georgia Institute of Technology)

Atlanta (GA), United States of America

POSTDOCTORAL RESEARCH SCHOLAR & DATA VISUALIZATION SCIENTIST

- Design and development of open source visualization tools for network threat analysis
- Manage/mentor master students in the fields of Information Visualization and Network Security
- User studies with network threat analysts for usability of such visualization tools

Apr. 2016 - Present

Kryptowire Mobile Enterprise Security

Fairfax (VA), United States of America

USER INTERFACE DESIGNER

- Redesign of three dashboards for their EMM (Enterprise Mobility Management) products

Feb. 2016 - Apr. 2016

UC3M (Universidad Carlos III de Madrid)

RESEARCH & TEACHING ASSISTANT

- Assist PIs in carrying out research projects related to the design and development of visualization tools for different application domains including power grid networks, emergency management, and cultural heritage
- Do research about how to assist designers in the design of visualizations for human-supervisory control systems
- Teach undergraduate level courses in User Experience(UX) design, Interaction Design (IXD), and programming
- Supervise undergraduate students

Madrid, Spain

Feb. 2011 - Mar. 2016

Honors & Awards

2017 **Winner**, Best Paper Award IEEE Symposium on Visualization for Cyber Security

Phoenix, Arizona, USA

Skills

Programming	Vue.js, Cytoscape.js, D3.js, React.js, Python, Node.JS, R, LaTeX
Web	Flask with Python, Express with Node.JS, HTML5, CSS
Software tools	VCS (git, svn)
Languages	English, Spanish

Open Source Projects

Open Source Threat Analysis Console

GEORGIA INSTITUTE OF TECHNOLOGY

- GitHub link: <https://github.com/Astrolavos/THACO>

License: MIT License

Duration: Sep. 2016 - Sep. 2017