

Rosa Romero Gómez, Ph.D

DATA VISUALIZATION EXPERT

324 4th Street NE, Apt. C, Atlanta, Georgia, United States of America

☎ (+1) 470-257-6232 | ✉ rosscopy@gmail.com | 🏠 rosaromero.com | 📱 RosaRomeroGomez | 🌐 rosa-romero-gomez-phd/

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

UC3M (Universidad Carlos III de Madrid)

B. ENG. COMPUTER SCIENCE

• Specialty: Management

Madrid, Spain

Sep. 2005 - Sep. 2009

Work Experience

GaTech (Georgia Institute of Technology)

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

Atlanta (GA), United States of America

Apr. 2016 - Present

Kryptowire Mobile Enterprise Security

USER INTERFACE DESIGNER

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

Fairfax (VA), United States of America

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

Elecnor Deimos Space

SOFTWARE ENGINEER INTERN

- Carry out test benches for key components of the ground segment of the GNSS (Global Navigation Satellite System) created by the European Union

Madrid, Spain

Jun. 2009 - Aug. 2009

Alten Corporate

SOFTWARE ENGINEER INTERN

- Validation and verification of Telefonica mobile software

Madrid, Spain

Feb. 2009, Jun. 2009

Honors & Awards

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

Phoenix, Arizona, USA

Skills

Programming	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