

## PERSONAL INFORMATION

**Rosa Romero Gómez**[rosscopy@gmail.com](mailto:rosscopy@gmail.com)[www.rosaromerogomez.com](http://www.rosaromerogomez.com)

Sex Female | Date of birth 03/17/1987 | Nationality Spanish

## WORK EXPERIENCE

APR 2016 – PRESENT

**Postdoctoral Research Scholar**

Georgia Institute of Technology, Atlanta (GA), United States of America

- Design and implementation of an open source visualization tool for threat research
- Manage/mentor master students in the fields of InfoVis and Network Security
- User studies with threat researchers for usability of visualization tools

MAY 2016 – JUL 2016

**User Interface Designer - Contractor**

Kryptowire, Computer and Network Security, Fairfax (VA), United States of America

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

FEB 2011 – MAR 2016

**Research & Teaching Assistant**

Universidad Carlos III de Madrid, Spain

- Assist PIs in carrying out research projects related to 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 UX design, IxD design, and programming
- Supervise undergraduate students in the fields of InfoVis and IxD

SEP 2009 – JAN 2011

**Internship Holder**

Universidad Carlos III de Madrid, Spain

- Design and development of mobile English training courses as practice examples for students at Universidad Carlos III de Madrid

JUN 2009 – AUG 2009

**Internship Holder**

Elecnor Deimos Space, Madrid, Spain

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

FEB 2009 – JUN 2009

**Internship Holder**

Alten Corporate, Madrid, Spain

- Validation and verification of Telefonica mobile software

## EDUCATION AND TRAINING

OCT 2010 – JAN 2016

**Ph.D. Computer Science and Technology**

Universidad Carlos III de Madrid, Spain

- Specialty: Human-Computer Interaction

SEP 2009 – SEP 2010

**M.Sc. Computer Science and Technology**

Universidad Carlos III de Madrid, Spain

SEP 2005 – SEP 2009

**B. Eng. Computer Science**

Universidad Carlos III de Madrid, Spain

- Specialty: Management

**PERSONAL SKILLS**

Mother tongue(s)	Spanish
Other language(s)	English (Full professional proficiency)
Communication skills	<ul style="list-style-type: none"> <li>▪ Excellent oral and written, both in Spanish and English, gained through my experience as speaker in academic events, and author of scientific papers and research reports.</li> </ul>
Technical skills	<ul style="list-style-type: none"> <li>▪ Programming Languages: Javascript (D3.js, Node.js, React.js), HTML, CSS, Python, R, Java</li> <li>▪ Software tools: VCS (git, svn), LaTeX</li> </ul>
Other skills	<ul style="list-style-type: none"> <li>▪ Depth knowledge and expertise in user experience design.</li> <li>▪ Mentorship. I have supervised 5 B.Eng. theses in Computer Science Engineering.</li> <li>▪ Very good team player.</li> </ul>

**ADDITIONAL INFORMATION**

Publications	<ul style="list-style-type: none"> <li>▪ 3 papers on interactive systems design, user interface design, and visualization design published in national and international research journals.</li> <li>▪ 2 chapters of book on information visualization, and software development process.</li> <li>▪ 8 papers on e-learning, interactive systems design, user experience design, information visualization, and software development process published in conference proceedings.</li> </ul>
Teaching experience	<ul style="list-style-type: none"> <li>▪ 5 courses over 5 years (taught in Spanish and English) as teaching assistant for undergraduate courses on programming, and user experience design.</li> </ul>
Projects	<ul style="list-style-type: none"> <li>▪ 1 research project on co-designing novel platforms at cultural heritage sites funded by the European Commission, 1 industrial project on developing technologies for the smart grid funded by the Spanish CENIT Program 2009, and 2 research projects on software development process and civic engagement in emergency management funded by the Spanish Ministry of Economy and Competitiveness.</li> </ul>
Professional services	<ul style="list-style-type: none"> <li>▪ Co-organizer at “Fifth International Symposium on End-User Development”, IS-EUD 2015, Madrid, Spain, 2015</li> <li>▪ Organizer of workshop on “Design your first web”, T3chfest 2013 - First Symposium of Computing and New Technologies, Universidad Carlos III de Madrid, Madrid, Spain, 2013</li> <li>▪ PC chair at “International Conference on Advanced Visual Interfaces”, Capri Island, Italy, 2012</li> <li>▪ Co-organizer at “IEEE Symposium on Visual Languages and Human-Centric Computing”, International Conference, Madrid, Spain, 2010</li> </ul>
Honours and awards	<ul style="list-style-type: none"> <li>▪ First Place, Pedagogical Innovation Award. Universidad Carlos III de Madrid, 2013</li> </ul>
Other Experience	<ul style="list-style-type: none"> <li>▪ Co-founder of Science for the People - Atlanta Chapter <a href="http://atlanta.scienceforthepeople.org">atlanta.scienceforthepeople.org</a></li> <li>▪ Guest blogger at <a href="http://h2institute.com">h2institute.com</a> (in Spanish)</li> <li>▪ Founder of <a href="http://uxcontilde.es">uxcontilde.es</a> (in Spanish)</li> </ul>