

Rolando S. Garcia

Undergraduate Research Aide, VADER Lab
Arizona State University, Tempe, Arizona
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Education

Arizona State University, Tempe, Arizona
B.S., Computer Science, May 2017.
GPA: 4.00 (weighted), 3.88 (unweighted).

Awards and Fellowships

NSF Graduate Research Fellowship, 2017.

Honorable Mention, **Computing Research Association's Outstanding Undergraduate Researcher Award**, 2017.

Undergraduate Research Award, Fulton Undergraduate Research Initiative, Arizona State University, Spring 2016 (\$1500).

Visual Analytics Science and Technology (VAST) Grand Challenge Award: Outstanding Comprehensive Submission.

IEEE Conference on Visual Analytics Science and Technology, 2015.
(*Awarded to Steptoe M., Krueger R., Zhang Y., Liang X., Garcia R., Kadambi S., Luo W., Ertl T., Maciejewski, R.*).

Dean's List, Arizona State University. Fall 2014 - present.

Research

Computational Genetics Laboratory

Institute for Biomedical Informatics, University of Pennsylvania, Philadelphia, PA.

Undergraduate Research Aide, June 2016 – August 2016.

Leadership Alliance program participant.

Advisor: Dr. Jason Moore

Projects:

- *Deep Learning Feature of TPOT (DELFT)*, June – August 2016.
github.com/rlnsanz/delft

Research

Visual Analytics and Data Exploration Research Lab

Arizona State University, Tempe, AZ.

Undergraduate Research Aide, January 2015 – present.

Advisor: Dr. Ross Maciejewski

Projects:

- **NSF REU:** *VA Algorithms for Spatiotemporal Analysis*, August 2016 – present.
- *Visual Analytics of Scientometrics*, January – May 2016.
- *DinoFun World VA System (VAST Grand Challenge Award)*.

Teaching

Arizona State University, Tempe, AZ.

Undergraduate Teaching Assistant.

CSE 240: Introduction to Programming Languages.

Fall 2015, 267 students.

Northern Arizona University, Flagstaff, AZ.

Student Instructor.

PHI 105: Introduction to Ethics.

Fall 2013, 50 students.

Publications

Steptoe, M., Krueger, R., Zhang, Y., Liang, X., Luo, W., **Garcia, R.**, Kadambi, S., Ertl, T., Maciejewski, R. VADER/VIS VAST 2015 Grand Challenge Entry. In *Proceedings of the IEEE Visual Analytics Science and Technology Challenge Workshop*, 2015.

Posters and Talks

Garcia, R., Olson, R., Moore, J. “Automatic Design and Optimization of Deep Learning Architectures”. The Annual Summer Undergraduate Internship Program Research Symposium, University of Pennsylvania, Philadelphia, PA. August 2016. Poster.

Garcia, R., Olson, R., Moore, J. “Automatic Design and Optimization of Deep Learning Architectures”. The Leadership Alliance National Symposium, Stamford, CT. July 2016. Talk.

Garcia, R., Maciejewski, R. “Visual Analytics of Scientometrics”. Fulton Undergraduate Research Initiative Symposium, Arizona State University, Tempe, AZ. April 2016. Poster.

Steptoe, M., Krueger, R., Zhang, Y., **Garcia, R.**, Kadambi, S., Luo, W., Ertl, T., Maciejewski, R. “VAST 2015 Grand Challenge – Team VADER/VIS”. IEEE Visual Analytics Science and Technology Conf., Chicago, IL. October 2015. Poster & Talk.