

# Rolando S. Garcia

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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.

**Chancellor's Fellowship for Graduate Study**, UC Berkeley, 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.

Repository: [github.com/rlnsanz/delft](https://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.