

## about

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## programming languages

Java, Python, Matlab,  
Javascript/HTML/CSS,  
OCaml, Swift

## education

since 2013 **Bachelor's of Science** in Computer Science  
Minor in Applied Mathematics  
Expected graduation: May 2017  
GPA: 3.81  
Loyola Marymount University

## experience

2016 **Center for Computation and Technology** Louisiana State University, Baton Rouge, LA  
*Data Analytics Research Assistant*

- Created a surrogate reservoir model to optimize waterflooding using IBM predictive statistical tools
- Presented at the 2016 UC Berkeley and LMU McNair symposiums, and 2016 SACNAS conference

since 2015 **LMU Biology Department** Loyola Marymount University, Los Angeles, CA  
*Bioinformatics Research Assistant*

- Lead developer for a gene network simulation software
- Performed routine bug fixes and functionality improvements
- Developed a testing framework for the software
- Presented at the 2015 and 2016 LMU Research Symposiums, and 2015 SACNAS conference

2015 **Bonanza Media** Los Angeles, CA  
*Mobile Game Tester*

- Ensured quality of a Shrek-themed slot machine game called Shrek Slots through play-testing

since 2014 **LMU Computer Science Department** Loyola Marymount University, Los Angeles, CA  
*Computer Science Teaching Assistant*

- Assisted students and graded projects/assignments

2014-2015 **LMU Mathematics Department** Loyola Marymount University, Los Angeles, CA  
*Math Teaching Assistant*

- Tutored students and graded homework assignments

2014-2015 **LMU Extension Department** Loyola Marymount University, Los Angeles, CA  
*Data Manager*

- Maintained files and performed general clerical duties

## awards/honors

since 2016 **Alpha Sigma Nu Jesuit Honor Society**  
2015 **LMU Outstanding Sophomore Student in Computer Science Award**  
2015 **SACNAS Travel Scholarship Award**  
since 2015 **LMU McNair Scholar**  
2014 **LMU ACE (Academic Community of Excellence) Scholar**  
2013 **LMU ACCESS (A Community Committed to Excellence in Scientific Scholarship) Scholar**