

## Contact

Latane.Bullock@gmail.com

[www.linkedin.com/in/latanebullock](http://www.linkedin.com/in/latanebullock)  
(LinkedIn)

## Top Skills

Leadership

Engineering

Higher Education

## Languages

English (Native or Bilingual)

Spanish (Limited Working)

French (Limited Working)

## Honors-Awards

Best Undergraduate Presentation

"Best in State" Mobile App Concept

Local Most Valuable Student  
Scholarship

Best Oral Presentation, 3rd

# Latané Bullock

Electrical & Computer Engineering, Linguistics Major at Rice  
University

Houston, Texas Area

## Experience

### Infosys Limited

Software Engineering Intern

May 2018 - July 2018 (3 months)

Bengaluru Area, India

- Designed performance tests for JavaScript 3D graphics library.
- Developed flexible JS testing framework and repository for future investigations.
- Delivered set of "best practices" for Infosys engineers working with Three.js.

### Rockhead Games

Software Engineering Intern

May 2017 - August 2017 (4 months)

Porto Alegre Area, Brazil

- Developed 3D A\* search algorithm to automatically connect two segments of race track in mobile karting game.
- Thoroughly tested mobile archery game and crafted strategic player-experience improvement plan.
- Investigated gaming industry and wrote modules in MS Visual Studio +Unity3D.
- Translated game versions to English and Spanish, advised English wording and syntax, and voiced over game characters.
- Facilitated active learning workshops on Engineering Design Process with professors at Pontifícia Universidade Católica (RS).

### Houston B-cycle

Special Project Consultant

August 2016 - May 2017 (10 months)

Houston, Texas Area

- Researched bike share programs and various rebalancing strategies in other systems
- Developed robust algorithm in Java that instructs van drivers to take bikes from a given station and deliver them to another station
- Tested results to reveal promising aspects of the algorithm

github.com/davidsenter/rebalance-houston-bcycle  
houston.bcycle.com

### AuPairWorld

#### Au Pair and English Tutor

May 2015 - August 2016 (1 year 4 months)

- Lived in French family and helped with child care with directed growth and development
- Created small tutoring organization to guide Spanish students in studying and speaking English
- Experience understanding and communicating with a variety of cultures

### WyzAnt Tutoring

#### Math and Science Tutor

January 2015 - May 2016 (1 year 5 months)

Arlington, Texas

- Tutored high school and college students in mathematics and science
- Developed lesson plan according to students' needs and communication styles
- Adapted teaching approach for each student

### University of North Texas

#### Reconfigurable Computing Lab Research Assistant

May 2014 - April 2015 (1 year)

- Publicized the crowd-sourced research, designed website graphics, outlined tutorial flow and implementation.
- Experience in public speaking and technical oral presentation
- Co-authored (unpublished) survey of Electronic Design Automation

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## Education

### Rice University

B.S. Electrical & Computer Engineering, B.A. Linguistics, Computer Engineering · (2016 - 2020)

### University of North Texas

Texas Academy of Math and Science · (2013 - 2015)

Arlington High School

· (2011 - 2013)