

# Latané Bullock

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## EDUCATION

### RICE UNIVERSITY

B.S. ELEC & COMPUTER ENG

B.A. LINGUISTICS

Expected May 2020 | Houston, TX

GPA: 4.0

### TEXAS ACADEMY OF MATH & SCIENCE

The University of North Texas

CONCENTRATION IN COMPUTER & SOFTWARE ENG

May 2015 | Denton, TX

GPA: 4.0

## COURSEWORK

Fundamentals of Elec Eng

Digital Logic Design

Linguistic Analysis

French Translation

Functional Programming

Intro to Computer Engineering

Computational & Algorithmic Thinking

Matrix Analysis

Discrete Math

## SKILLS

### PROGRAMMING

Proficient:

Java • Python • C#

Familiar:

C • Matlab • Web Dev

• Verilog • LaTeX

### LANGUAGES

English - Native

French - Fluent

Spanish - Fluent

Portuguese - Proficient

### SOFTWARE

Unity 3D (Game Engine)

MS Visual Studio, IntelliJ

Adobe Illustrator

Canon Photography

MS Office, Excel

## LINKS

Github:// [prlabu](#)

LinkedIn:// [latanebullock](#)

Blog:// [latinbrazil.blogs.rice.edu](#)

## EXPERIENCE

### ROCKHEAD STUDIOS | SOFTWARE ENGINEERING INTERN

Summer 2017 | Porto Alegre, 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).

### SPECIAL PROJECTS CONSULTANT | HOUSTON B-CYCLE

August 2016 - May 2017 | Houston, TX

- Led engineering group at Rice in designing and delivering desktop application to client.
- Developed robust algorithm in Java that reports instructions to field-techs to ensure proper balance of bikes throughout the system.
- Served as liaison between Rice and Houston B-cycle to coordinate station placement and publicity on campus.

### INTERNATIONAL AU PAIR & ENGLISH TUTOR

Spring 2015 - Fall 2016 | Gijón & Oviedo, Spain

- Lived in French family and directed children in growth and development.
- Created tutoring organization to guide Spanish students study and speak English.
- Experience understanding and communicating with a variety of cultures while solo backpacking.

## RESEARCH

### RECONFIGURABLE COMPUTING LAB | RESEARCH ASSISTANT

May 2014 - April 2015 | University of North Texas

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- Co-authored (unpublished) survey of Electronic Design Automation.

## AWARDS

### BEST ORAL PRESENTATION

Rice First-Year Writing Seminar | May 2017

### BEST UNDERGRADUATE PRESENTATION

IEEE MetroCon Conference | April 2015

### MOST VALUABLE STUDENT SCHOLARSHIP

Arlington Elks Lodge | May 2015

### BEST IN STATE MOBILE APP CONCEPT

Verizon App Challenge | 2015

## INTERESTS

Piano • Minimalistic Backpacking • Camping • Snowboarding • Ultimate Frisbee