

# Latané Bullock

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## EDUCATION

### RICE UNIVERSITY

B.S. ELEC & COMPUTER ENG

B.A. LINGUISTICS

Expected May 2020 | Houston, TX

GPA: 3.93

### TEXAS ACADEMY OF MATH & SCIENCE

The University of North Texas

CONCENTRATION IN COMPUTER

& SOFTWARE ENG

May 2015 | Denton, TX

GPA: 4.0

## COURSEWORK

Digital Logic Design

Functional Programming

Computational & Algorithmic Thinking

Random Signals

Signals and Systems

Fundamentals of Elec Eng

Phonetics and Phonology

Analysis of Sounds Systems

French Translation

## SKILLS

### PROGRAMMING

Proficient:

Java • Python • JavaScript/ES6 • C#

Familiar:

C • Matlab

• Verilog • LaTeX

### NATURAL 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

Personal:// [latanebullock.info](mailto:latanebullock.info)

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

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

Github:// [plabu](https://github.com/plabu)

## EXPERIENCE

### INFOSYS LTD | SOFTWARE ENGINEERING INTERN

Summer 2018 | Bangalore, 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 STUDIOS | SOFTWARE ENGINEERING INTERN

Summer 2017 | Porto Alegre, Brazil

- Developed 3D A\* search algorithm to automatically connect 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 Pontificia Universidade Católica (RS).

### 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