

# Trivan Menezes

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## Education

**Princeton University, Princeton NJ**

**September 2019 - June 2023 (expected)**

**Major:** AB in Computer Science; **Minors:** Portuguese, Statistics & Machine Learning.

**GPA: 3.91/4.0**

**Relevant Coursework:** Algorithms & Data Structures; Programming Systems; Computer Networks; Computational Problem Solving; Discrete Math; Digital Circuits; Electrical Engineering Design

**Gatton Academy of Math and Science, Bowling Green, KY**

**August 2017 – May 2019**

State funded residential STEM school at Western Kentucky University

**GPA: 4.0/4.0**

Public Relations Assistant / President of Film Club / President of Elementary Tutoring Club / Mathematics Research

## Skills

**Software:** Java; Python; JavaScript; HTML/CSS; Mathematica; XCode; Firebase; Git; Flask; ReactJS; SQLite; ReactNative

**Languages:** Portuguese

## Professional Experience

**Business Today, International Conference (IC) – Assistant Director of Technology**

**April 2020 – November 2020**

- The International Conference annually connects 200 students with C-suite executives across numerous industries
- Facilitating IC's first shift to a virtual format and maintaining relations with virtual conferencing service provider

**Interapt, Development Team – Software Developer Intern**

**May 2019 – July 2019**

- Worked as a member of the scrum team; used JavaScript and React Native
- Developed the frontend of a mobile app for a Fortune 100 company (Humana) in a four-developer team

**Western Kentucky University, Mathematics Department – Student Researcher**

**Feb 2018 – May 2019**

- Worked under Dr. Claus Ernst in theoretical math field of knot theory
- Developed and implemented algorithms using *KnotTheory* package for Wolfram Mathematica
- Presentations:
  - o National Conference on Undergraduate Research, Kennesaw State University, April 2019
  - o Mathematical Association of America - Kentucky chapter meeting, April 2019
  - o KY/WV National Science Foundation LSAMP 11th Annual Research Symposium, March 2019

## Selected Projects

**National Team Mapper** – Python, Flask, HTML, CSS, JavaScript

**July 2020 – August 2020**

- Built a web scraper and website to visually display the birthplaces of players on every national soccer team
- Inspired by a talk at a conference which discussed how France's imperial history is reflected in the heritage of its national team's players

**Tiger Link (hackathon project)** – JavaScript, ReactJS

**July 2020 – August 2020**

- Created a web application to connect Princeton students together to participate in either group or partner activities

**Etymology Analyzer** – Python

**July 2019 – August 2019**

- Built a web scraper program which iterates through a list of the most common English words, records their ancestor language families from an etymology website, and creates a graph which displays the distribution of English's ancestor language families

**ReactTile (hackathon project)** – Java

**November 2019 – November 2019**

- Created a PC mini game to help people improve their reaction times by responding to tiles that descend across the screen at increasing speeds

## Awards

Winner of the 2020 AOTP Portuguese National Competition / National Hispanic Recognition Program (NHRP) Scholar / Hispanic Scholarship Fund (HSF) Scholar / Gatton Academy Research Internship Grant recipient

## Extracurricular Involvement

**Activities:** Princeton Men's Club Soccer / Sympoh Breakdance / Student Fellow at Fields Center for Equality

**Technical:** PennApps 2020 / i3 hackathon (Princeton) / HackPrinceton 2019 Fall

**Other Interests:** Meditation, photo + video