

# Geraldina Zhang

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github.com/geraldinaz

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## Education

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**UNIVERSITY OF FLORIDA | GAINESVILLE, FL**

AUGUST 2016 – MAY 2020

Bachelor of Science in Computer Science, Minor in Statistics

GPA: **3.88/4.0**

Related coursework: Data Structures & Algorithms, Introduction to Software Engineering, Databases 1, User Experience Design

## Skills

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C++, Python, Java, R, AWS, SQLite, Firebase, Vue.js, HTML, CSS, Typescript

## Internships & Work Experience

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**UF WICSE INFOTECH SHADOWING PROGRAM | JANUARY 2020 – APRIL 2020**

- Worked with a mentor at Infotech to develop a mobile fitness progress tracker application for users to log their workouts and view summary statistics of logged workouts
- Utilized NativeScript, Vue.js, Typescript, CSS, and Firebase
- Focused on user experience design by referencing Material Design principles and performing user tests
- Gained firsthand industry experience using Agile methodology, Git, and GitHub

**LEARNING ASSISTANT | DEPARTMENT OF MATHEMATICS, UF | AUGUST 2018 – DECEMBER 2018**

- Facilitated learning of Calculus 1 concepts by answering questions and guiding 30+ students in completion of weekly worksheets

**INTERN | TROPICAL RESEARCH AND EDUCATION CENTER, UF | MAY 2017 – AUGUST 2017**

- Used R to analyze over 19 million data entries for weather variables gathered from 40+ stations in FL
- Aggregated 15-minute interval data points into hourly, daily, monthly, and yearly selections
- Initial exposure to computer science which led to my decision to major in it

## Projects

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**UF RIDESHARE MOBILE APP**

- Worked with fellow students to create a rideshare app using Flutter, Dart, and Firebase
- Created posting form with input validation to store ride information in the database
- Managed progress throughout the semester using documentation and version control systems

**TWEETDATA**

- Collaborated with a group to create a web application that retrieves data from Twitter's API and shows trending topics by country
- Designed the front-end using HTML, CSS, and Bootstrap framework and worked with Google Charts to display graphs and charts

## Awards

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University of Florida Benacquisto Scholarship

August 2016 – May 2020