

# RISHAV ROUT

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## EDUCATION

**University of Illinois at Urbana-Champaign**

May 2020

**Bachelor of Science, Computer Science**

Current GPA: 3.86

Relevant Coursework: Data Structures, Computer Architecture, Artificial Intelligence (Spring '19)

**Computer Languages and Tools:** Java, C++, OOP, Python, HTML, Git, Agile, Selenium, Qt, Android

**Interested in:** Software Engineering, Artificial Intelligence, Machine Learning, Bioinformatics

## EXPERIENCE

**Software Engineering Intern**

Westlake, TX

**Fidelity Investments**

May 2018-Aug 2018

- Member of SHARES application team in Corporate Technology Group
- Designed automated regression tests using Selenium, to be run before each deployment
- Secured tests using Java password encryption tools

**Ultimate Stats App**

Urbana, IL

**CS 126 Final Project**

April 2018-May 2018

- Application designed to track and manage stats and scores during an Ultimate Frisbee game
- Written in C++ using Qt, allowing for function GUI to keep track of yards gained per throw, etc

**CS 125 Course Assistant**

Urbana, IL

**University of Illinois at Urbana-Champaign**

January-March 2018

- Assisted students with MPs (machine problems) in their first computer science course
- Taught concepts including object-oriented programming, image processing, recursion, and more

**Hello Lang**

Urbana, IL

**UI/UX Design**

August-December 2017

- Part of team that developed Android app for CS 196, freshman honors
- App to help learners connect with teachers, with a fully functional calling interface
- In charge of login/register screen and connection to backend

**TutorMe Texas**

Coppell, TX

**Tutor**

July 2016-July 2017

- Tutored kids in grades 5 to 12 in subject areas including Calculus, Biology, Spanish, SAT/ACT prep, and more
- Increased test scores of clients after 2 weeks with my help

## LEADERSHIP

**Coppell High School Band**

Coppell, TX

**Drum Major**

March 2015-May 2017

- Main leader of 400 member marching ensemble, led group to many state-level appearances and accolades
- 8<sup>th</sup> place in Texas State 6A Marching Band Contest

**Boy Scouts of America**

Coppell, TX

**Assistant Senior Patrol Leader**

May 2015-August 2016

- Second-in-command of local Boy Scout troop
- Coordinated dozens of campouts, fundraisers, service projects, and volunteering events

## ACCOMPLISHMENTS AND AWARDS

**Eagle Scout Award**

March 2015