

# RISHAV ROUT

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rrout2@illinois.edu • (972)603-8232 • linkedin.com/in/rishavROUT • github.com/rrout2 • rrout2.github.io

## EDUCATION

**University of Illinois at Urbana-Champaign**

Expected May 2021

**Bachelor of Science, Computer Science**

Current GPA:

4.00/4.00

Relevant Coursework: Intro to Computer Science, Software Design Studio, Discrete Structures

**Computer Languages and Tools:** Java, OOP, Python, HTML, Git, SVN, Microsoft Office

**Interested in:** Web Development, Artificial Intelligence, Machine Learning, Bioinformatics

## EXPERIENCE

**CS 125 Course Assistant**

Urbana, IL

**University of Illinois at Urbana-Champaign**

January 2018-Present

- 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 2017-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

**Perot Museum of Nature and Science**

Dallas, TX

**Volunteer**

February 2015-August 2016

- Provided hundreds of hours in the Texas Instruments Engineering and Innovation Hall and the Being Human Hall
- Assisted guests with questions about exhibits and eased the overall flow of the museum

## 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

**Troop Guide**

January 2014-January 2015

- Aided 7+ first-year scouts in the transition to Boy Scouting and independence

## **ACCOMPLISHMENTS AND AWARDS**

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**Eagle Scout Award**

March 2015