

# RISHAV ROUT

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## EDUCATION

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**University of Illinois at Urbana-Champaign** Expected May 2021  
**Bachelor of Science, Computer Science** Current GPA: 3.96  
Relevant Coursework: Data Structures, Computer Architecture, Software Design, Discrete Structures

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

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

## EXPERIENCE

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**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

**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

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**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