

RISHAV ROUT

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

EDUCATION

University of Illinois at Urbana-Champaign

May 2021

Bachelor of Science, Computer Science

Current GPA: 3.76

Relevant Coursework: Data Structures, Computer Architecture, Systems Programming

Computer Languages and Tools: Java, C++, C, Javascript, Typescript, SQL, MongoDB, Neo4J, Angular, NodeJS, OOP, Python, HTML, Git, Agile, Selenium, Qt

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

EXPERIENCE

Software Engineering Intern

Westlake, TX

Fidelity Investments

May 2019-Aug 2019

- Redesigned UI for web application from start to finish, built using Angular, Typescript, and NodeJS
- Connected tabular display to backend with service calls, complete with obtaining, editing, and saving
- Application utilized for large scale testing across various configurations and environments

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

LEADERSHIP

Illinois Men's Club Ultimate Frisbee Team

Urbana, IL

President

May 2019-Present

- In charge of coordination between team, leadership, and school
- Communicate with USA Ultimate for rostering and registration

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
- 8th place in Texas State 6A Marching Band Contest

The Boy Scouts of America

Coppell, TX

Eagle Scout and 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