

# Roope Raikaa

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[www.Roope-Raikaa.com](http://www.Roope-Raikaa.com)

## Professional Summary

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Current undergraduate Computer Science student eager to gain an internship in backend software development and cloud computing. Capable individual contributor and collaborative team leader with a tenacious work ethic. Greatest asset is a keen understanding of Java and C++, coupled by an aptitude for mathematics and data structures.

## Education

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**The University of Texas at Dallas** // Expected Graduation: December 2022 // **Richardson, Tx**  
*Bachelor of Science in Computer Science*

- Cumulative GPA: 4.0/4.0
- Major GPA: 4.0/4.0

## Technical Skills

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- Proficient Programming Languages: Java SE 13, C++, JavaScript ES6, HTML 5, and CSS 3
- Programs: Visual Studio Code, IntelliJ IDEA, GIT
- Packages/Frameworks: Node.js NPM
- Other Skills: WebSocket, MongoDB, AJAX, and Restful APIs

## Projects

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- Linked Inventory Management System
  - o Developed custom doubly linked-list data structure to track user and product information
  - o Implemented User Authentication System for the Role-Based Access Control (RBAC) System
  - o Dynamically display system menu to user contingent upon user's hierarchy in internal system
- Real-Time Chat Application
  - o Generated an environment for multi-user communication in real time
  - o Utilize socket.io framework to maintain persistent bi-directional communication between the server and a list of clients
  - o Parson JSON data emitted by the server to relay a list of present users back to the chatroom
  - o Enabled seamless, voluntary GPS location sharing amongst users
- Personal Website – [www.Roope-Raikaa.com](http://www.Roope-Raikaa.com)
  - o Designed a modern, elegant personal website illustrating excellence in front-end development
  - o Employed a multitude of modern CSS animations to enhance visual presence of website

## Relative College Coursework

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- Discrete Mathematics for Computing (I & II) - Computer Science (I & II) - Linear Algebra
- Programming Fundamentals - Introduction to Engineering and Computer Science
- Calculus I & II - Introduction to Computer Science and Software Engineering

## Honors & Awards

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|--|-----------------------|
| • Dean of Undergraduate Education's List – UT Dallas | Spring 2020 – Present |
| • Academic Excellence Scholarship, UT Dallas         | Fall 2020 – Present   |
| • AP Scholar with Distinction                        | 2017                  |
| • Top 2% of Class Coppell High School (Rank 18/848)  | 2017                  |
| • National Honor Society Inductee                    | April 2015            |

## Work Experience

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### **Delivery Driver**

December 2018– July 2019

Jimmy Johns, Irving, TX

- Passionately provided consistent, high quality customer service while working within a fast paced, team-oriented environment
- Employee of The Month Recipient

### **Independent Contractor**

May – August 2020

Uber Eats, Dallas, TX

- Consistently performed in a self-motivated, fast-paced environment, spotlighting an excellence in customer relations