**Roope Raikaa**

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

Professional Summary

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

**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

* 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

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

Relative College Coursework

* 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

* 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