Lukshya Ganjoo*

206-532 (6203) • Seattle, WA • lganjoo@cs.washington.edu

EXPERIENCE

Teaching Assistant - CSE 312   2022 - Present
Paul G Allen School of Computer Science and Engineering | Seattle, Washington

Teaching Assistant   2021 - 2022
Schoolhouse.world | Seattle, Washington

Mobile App Developer   Sep 2019
NBO Hackathon | Muscat, Oman

- Developed an app 'Community' using Proto.io, aimed at incentivizing donations to charitable organizations through a credit-based system

EDUCATION

University of Washington | Bachelor of Science in Computer Science and Mathematics   Expected: June. 2025

- **GPA**: 3.91/4.0
- **Courses Taken**: Introduction to Algorithms, Data Structures and Parallelism, Complexity Theory, Quantum Computing, Toolkit for Modern Algorithms, Machine Learning, Hardware Software Interface, Advanced Accelerated Honors Calculus,, Object-Oriented Programming and Data Structures in Java, Calculus and Analytic Geometry, Linear Algebra, Advanced Linear Algebra, Functional Programming, Foundations of Computing I/II, Hardware/Software Interface, Introduction to Differential Equations, Introduction to Research in CS

PROJECTS

- **An Introduction to Abstract Set Theory (2020)**—
  ▶ *An Introduction to Abstract Set Theory*
- **A simple Galaga Clone using Python (2019)** — *https://github.com/Lukshya2004/Galaga*
- **Menu Based Password Manager (2021)** — *https://github.com/Lukshya2004/menu-based-password-manager*
- **Huffman Coding Project (2021)** —*https://github.com/Lukshya2004/HuffmanCoding*
- **M.U.P.L Interpreter (2021)** — Created an interpreter for a Made Up Programming Language *https://github.com/Lukshya2004/MUPL-Interpreter-*
- **A Rapid Review of Quantum | Quantum Inspired Classical Algorithms**
  —*https://github.com/Lukshya2004/Quantum-Quantum-Inspired-Classical-Algorithms*

AWARDS

- EUREKA Science Exhibition: 1st (S.T.A.I 2019)
- Mobile App Development: 1st (S.T.A.I 2019)
- Website Development:1st (S.T.A.I 2019)
- Runner-Up: Cayley Math Contest (CEMC)
- Runner-Up: Fermat Math Contest (CEMC)
- Haji Janab Merit Award (3rd position)

SKILLS

Python | MySQL | Java | C++ | HTML & CSS | Linux | OCaml | Racket | Adobe Photoshop | Microsoft Office | Julia | React | JavaScript