

Lukshya Ganjoo*

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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:** 3.88/4.0
- **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 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