

# Adhithi Ganesan

San Diego, CA

(925) - 549 - 5378

[a1ganesa@ucsd.edu](mailto:a1ganesa@ucsd.edu)

## EDUCATION

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**University of California, San Diego**

September 2020 - June 2024

B.S. Cognitive Science, Minor in Computer Science

- **Relevant Coursework:** Object-Oriented Programming (Java), Mathematics for Algorithms and Systems, Systems Programming (C and Assembly Language), Advanced Data Structures (C++), Web Client Languages (HTML/CSS)\*, and Software Engineering\* (\* = Planned/In Progress)
- **Student Organizations:** Sigma Kappa, Scholar's Society, Houselessness Service, and Women in Computing

## SKILLS

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- **Programming Languages:** Python, Java, C, and C++
- **Algorithms:** Search (BFS & DFS), Dijkstra, and Huffman Coding (Data Compression)
- **Data Structures:** Hash Map, Trees (Binary, Ternary, Multiway, AVL, Red-Black), Treap, Heap, and Graph

## CERTIFICATIONS

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- Amazon Web Services: Cloud Practitioner
- Amazon Web Services: Developer (In Progress)

## EXPERIENCE

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**Sigma Kappa Chapter: Vice President of Scholarship**

September 2021-August 2022

- Worked with other board members in making decisions regarding chapter policies
- Organized study events for 100+ members to promote academic achievement
- Worked with chapter members struggling to meet the chapter minimum GPA by implementing new study skills and tracking their progress over time

## AWARDS

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**UC San Diego Regents' Scholar:** merit scholarship based on academic excellence, awarded with tuition stipend and research opportunities

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