Andy Tran

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Current computer science student with a foundation and progressive experience writing code and designing solutions. Seeking a role as a Software Engineering Intern to further improve skills and gain deeper insight and experience in the field of technology. Adept at working in fast-paced environments, while adaptable in maintaining strong organization and analytical skills.

EDUCATION

University of California San Diego   GPA: 3.73
Bachelor of Science in Computer Science   June 2026

- **Relevant Coursework:** Intro to Programming, Software Tools & Techniques, Basic Data Structure & Object Orientated Design, Discrete Mathematics, Computer Organization and Systems Programming, Math/Algorithm & Systems Analysis.

ACADEMIC PROJECTS

[CSE 12]
- Implementation and programming of basic data structures including linked lists, stacks, and queues. Use of advanced structures such as binary trees and hash tables.
- Object-oriented design including interfaces, polymorphism, encapsulation, abstract data types, pre-/post conditions.

[CSE 15L]
- Weekly hands-on laboratory experiences and development.
- Scientific process behind software development and debugging, while maintaining a GitHub page to store projects and other associated programs.

[CSE 30]
- Introduction of the organization and systems of modern digital computers and the various components and interrelationships.
- Emphasis on systems programming in C and Assembly languages in UNIX.

EXTRACURRICULAR ACTIVITES

Association for Computing Machinery   September 2022 - Present
Member
- Actively participated in collaborative projects, enhancing teamwork and problem-solving abilities on a technical level.
- Demonstrated passion for the field of computing and a commitment to lifelong learning and skill development.

ADDITIONAL SKILLS

- Technical Skills: Python, Java, C, Vim, Bashing Scripting, Linux, MATLAB, and LaTeX.
- Adept in programming and coding, software development, database and project management, and solution design.