

# Alicia Pham

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## EDUCATION

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University of California, San Diego | Revelle College

San Diego, CA

Bachelor of Science | Focus in Mathematics-Computer Science | GPA: 3.00

June 2026

- **Programming Coursework:** Advanced Data Structures and Object-Oriented Design, Abstract Software Tools and Techniques, Computer Organization and Systems Programming, Discrete Mathematics and Graph Theory, Theory of Computation, Design & Analysis of Algorithms, Cryptography
- **Math Coursework:** Calculus I-III, Differential Equations, Linear Algebra, Statistical Methods, Discrete Mathematics and Graph Theory, Modern Algebra, Cryptography

## WORK EXPERIENCE

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Lee's Sandwiches

Westminster, CA

Sandwich Maker

April 2022 - July 2022

- Prepared ingredients and bakery items in an orderly manner by closely following recipes and instructions to ensure quality is consistent and upholds customer satisfaction
- Prepared and assembled sandwiches efficiently by coordinating and cooperating with peers, resulting in a reduction in customer wait times during peak hours
- Communicated with customers to guarantee their utmost satisfaction by making special modifications addressed to their orders, ensuring an increase in customer satisfaction and repeat business
- Ensured a clean and organized workspace, maintained ingredient hygiene, and upheld equipment sanitation

## SOFTWARE PROJECTS

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Sanrio Games & Quizzes - Password Strength Checker (<https://ilayon.github.io/WIC-Team-10-Project/>)

- Designed and implemented a password checker that evaluates strength of password based on user input criteria such as length, special characters, and complexity
- Integrated Dropbox's zxcvbn library to provide advanced password analysis and provide real-time feedback to guide users on improving their password security
- Managed version control and collaborative development through GitHub
- Utilized: HTML, CSS, Javascript, GitHub

## SKILLS & INTERESTS

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**Software:** Python, Java, C, C++, Assembly Language, Google Sheets, Excel, Google Docs, GitHub, HTML/CSS, Javascript, Windows, MacOS

**Languages:** Native English, Conversational Vietnamese