

# ERINA LARA

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## EDUCATION

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**California State University, Long Beach (CSULB)** | B.S. in Computer Science | GPA 3.33 **May 2022**

- University President's Honor List | Spring 2020, Fall 2020, Spring 2021
- Activities: Women in Computing, Association for Computer Machinery
- Relevant Coursework: Data Structures, Algorithms, Software Development with Frameworks, Software Development Life Cycle, Agile/Scrum Methodologies, Object-Oriented Programming

## PROFESSIONAL EXPERIENCE

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**theCoderSchool La Palma, CA** | Code Instructor **June 2021 - June 2022**

- Grew student coding knowledge for over 30 elementary and junior high students through specialized instruction on coding fundamentals such as conditional logic and object-oriented programming through regularly assigned lessons in Scratch and Python projects
- Increased client satisfaction by maintaining client feedback and constructing weekly documentation that analyzes and records a student's level of coding knowledge

## PROJECTS

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**HomeView (C#, React.js, MSSQL, AWS, HTML/CSS)** | Full-Stack Web Application | Team Project

- Improved a user's browsing time by combining over 10 American streaming service databases to generate an automated, customized recommendation database, utilizing asynchronous programming and REST APIs, deployed through Amazon Web Services (EC2, RDS)
- Designed and implemented security, logging/archiving, user management, and app-specific features
- Conducted manual and automated unit testing, as well as end-to-end UI testing
- Efficiently collaborated with a team of 5 individuals for project planning, documentation, and development by utilizing the Agile methodology featuring daily SCRUMS, and following the software development life cycle

**Show Tracker (Java)** | Console Application | Individual Project

- Records a user's media history of up to 1500 records by maintaining a database of a user's recently watched television shows and movies through a graphical user interface (Java Swing) and persistent data storage through local text files onto the user's desktop

**Literature Library (Java)** | Console Application | Team Project

- Relational database that utilizes NetBeans/Derby and JDBC API to maintain and construct an inventory of writing groups, book titles, publishers, and other related information
- Efficiently collaborated with a team of 3 individuals for project design and development

**Othello (C++)** | Console Application | Individual Project

- Two-player Othello game that utilizes dynamic memory management with references/pointers

## SKILLS

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- **Languages:** Python, Java, HTML/CSS, C++, Javascript, C#, SQL
  - **Tools:** SQL Server, Git, Visual Studio, Slack, MS Office Suite, Figma, .NET Framework, React.js, MySQL