

# Arturo Rodriguez

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## Education

**California State University, Los Angeles**  
*BS Computer Science, GPA: 3.52*

Los Angeles, CA  
*May 2024*

## Relevant Courses

**Software Engineering** Swift, UIKit, MySQL, Postman API

Experience in an agile environment. Weekly meeting with Scrum Master and incremental development. Created Software Design and Software Requirements Specification documents. Version control achieved by using github.

**Programming With Data Structures** Java

Applied knowledge of data structures such as: linked lists, stacks, queues, trees, hash tables, skip lists, and graphs. This also included sorting and searching algorithms. Optimized code to achieve a better space and time complexity.

**Fundamental of Network Systems and Cybersecurity** Wireshark

Study of network communication systems, including computer network communications, internet architecture, ethernet, and wireless communications. Applied fundamentals of Cybersecurity through a hypothetical attack, such as data security, web security, system security and network security.

## Skills

**Languages** HTML, CSS, Javascript, Swift, Java, Python, C, MySQL, Realm

**Frameworks** React, Next.js, Tailwindcss, SwiftUI, UIKit

## Projects

**Billor (Current)** Swift, SwiftUI, Core Data

iOS application that allows for a user to plan their weekly expenses and keep track of their monthly payments. Currently working on this project.

**Personal Portfolio Website** React, Next.js, Tailwindcss, SendGrid API

This website was created to showcase my skills and projects. It also allow for a submission of a contact form though SendGrid API.

**Med Tracker** Swift, UIKit, MySQL, Postman API

This iOS application was created as a team in my software engineering class and allows for users to keep track of their daily dosages of medicine. We worked together using agile methodology.