Nicholas Sacayan

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Education

Bachelor's of Science in Computer Science, Graduated Spring 2021
California Polytechnic State University-Pomona - GPA: 3.6
Coursework: OOP, Data Structures and Algorithms, AI, Networks, Security and Cryptography

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Skills

- Proficient in fundamental Software Engineering skills, OOP practices, SOLID Principles, Design Patterns, and languages (Java, C#, Python)
- Familiar with essential web-development languages and technologies (JavaScript, Typescript, SQL/NoSQL Databases, MERN, REST API, GraphQL)
- Experienced using Git Version Control for both personal and academic projects

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Projects

Cookie List (React - Node - Express - MySQL)
- Simple CRUD app utilizing MySQL and Express.js
- Uses RESTful API to interface with local database
- Takes advantage of simple React-Bootstrap front-end

Pick My Anime (React - Node - Apollo)
- Takes advantage of React and React-Bootstrap to provide a simple, styled front-end
- Uses the Apollo GraphQL Client to consume a public GraphQL API with 1000's of entries
- Previously hosted using AWS Amplify

Simple Spring CRUD (Spring - Spring Boot - MySQL)
- Leverages Spring and Spring Boot to make a simple CRUD app interfacing with MySQL
- Uses spring annotations for Controllers, RequestMapping, Autowiring, and more

ASP.Net Core Simple API (ASP.Net)
- Mini API using C# and ASP.Net Web API.
- Implements standard CRUD operations without interfacing a database

SEED Labs - Internet Security Coursework (C++ and Python)
- Followed an interactive Internet Security lab course performing and learning about multiple attacks and vulnerabilities through a virtual machine network
- Sniffed and Spoofed packets using Raw Sockets, PCAP API, and Scapy Python Scripts