

Alireza Alampour

Nodalampour@gmail.com | (818)-987-4516 | 20504 Ventura Blvd, Woodland Hills, CA 91364

Website: <https://alirezaalampour.github.io/>

EDUCATION

California State University, Northridge B.S Computer Science

EXPERIENCE

METALab — *June 2018 - Immersive Program*

- Intro to Full-Stack web development using Laravel and MySQL
- Agile work environment principles and Communication practices between developers and product owners

PROJECTS

Dzerk— *Embedded Project*

- Designed and built wireless game controller
- Architected with Arduino Uno and Unity
- Developed controller using Arduino Bluetooth module
- Allows user to play unity made game wirelessly via controller

EyeCandy— *Website/App*

- Designed as Multiplatform AR app and website
- Architected website using MongoDB, Angular, Express, Nodejs.
- Developed app using Flutter framework
- Allows users to view 3D models of desired food by scanning QR code to access the restaurant's menu.

Algorithm Visualizer *Processing 3 (Java)*

- Algorithm Visualizer created in Java using Processing 3
- Project follows Object-oriented concepts and practices
- Visualizing Merge, Bubble, Heap, Insertion, Selection and Quick sort.

Software Testing - Java

- CSUN Software Verification and Validation Course
- Tested a chess game using Maven Dependencies.
- Used Junit to write and run tests, hitting maximum code coverage.

Matrix Calculator- Java

- Matrix calculator created in Java using Object-oriented approach
- Allows users to create matrices with different dimensions.
- Input matrices calculated using lambda expressions and streams.
- Immutable code and functional programming concepts

Programming Languages

Java
Javascript
C
Python
Dart
TypeScript

Frameworks/ Libraries

Angular
MongoDB
Mongoose
NodeJS
ExpressJS
Laravel
Bootstrap
Flutter
Tesseract.js
Arduino Uno
Maven

AWARDS

Dean's List
2016-2020

College of Engineering
and Computer Science
Scholarship award
2018-2020

TOOLS

Git
Photoshop
Lightroom
Android Studio
Processing
Unity
Arduino Bluetooth Shield