

# BRYAN AYALA

[www.github.com/brayalad](https://www.github.com/brayalad)

[www.brianwithay.tech](https://www.brianwithay.tech)

## EDUCATION

### CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

B.S. IN COMPUTER SCIENCE  
Pomona, CA | Expected May 2020  
GPA: 3.44

### SAN MARINO HIGH SCHOOL HIGH SCHOOL DIPLOMA

San Marino, CA | Graduate June 2016

## SKILLS

Self-motivated • Ability to work under pressure •  
Positive Attitude • Work well with others • Bilingual  
(English & Spanish) • Strong verbal skills • Team  
leadership skills

## Technologies

- Node.js
- React.js
- Express.js
- MongoDB
- Amazon Web Services
- Git
- Unix/Linux

## Programming Languages

- JavaScript
- Python
- Java
- HTML/CSS
- C++
- C

## COURSEWORK

Intro to Computer Science  
Intro to Programming and Problem Solving  
C++ Programming  
Data Structures and Algorithms  
Design & Analysis of Algorithms  
Computer Organization & Assembly Programming  
Computer Architecture  
Software Engineering

## WORK EXPERIENCE

### AMAZON WEB SERVICES | SOFTWARE DEVELOPMENT ENGINEER INTERN

June 2019 – Present | Seattle, WA

### BOYS AND GIRLS CLUB | VOLUNTEER

June 2015 – September 2016 | Pasadena, CA

- Helped elementary school children with their homework in various subjects.
- Helped run recreational programs such as sports and other fitness activities.
- Assisted in educational programs in the institutions education center such as reading and art programs.
- Conducted clerical work such as organizing paperwork, data entry, and created program folders.
- Assisted in training new volunteers.
- Assisted staff members on field trips.
- Over 150 hours volunteered.

## SOFTWARE PROJECTS

### BroncoDash.com

- Dynamic Database Driven Web-Application.
- Recommended Clubs based on individual user preferences and current clubs joined.
- Built using the MERN stack for development.
- Front-end built using HTML 5, CSS 3, and JavaScript, including React.js and SASS.
- Back-end built with JavaScript using the Express.js framework to handle RESTful Services and APIs.
- Uses MongoDB as a database to serve out data and info.
- Runs using Node.js as a runtime environment to handle server-side operations.
- Served to the web using the Nginx web server.
- Currently running on an Ubuntu server hosted by Amazon Web Services.

## ACTIVITIES

### MEXICAN AMERICAN STUDENT ASSOCIATION | TUTOR

August 2018 – Present | Pomona, CA

- Tutor elementary students from the Pomona Unified School District.
- Volunteer at various events around Pomona throughout the year.