

# Sagar Patel

Software Engineer

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<https://github.com/sagarp-patel>

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## Education

California State University San Bernardino, Ca

June 2019

Bachelor of Science in Computer Science

## Software Engineering Skills

- Languages: C++, Python, Java, C#
- Experienced in Git, Android Studio, Unity
- Operating Systems: Linux and Windows

## Projects

Smart Player

January 2019 - Current

- Developed and trained a neural network to play a simple runner game.
- Neural Network was created from scratch with the use of Numpy only.
- The neural network can interact with the game and learn to play the game.

Marshmallow Poppers

September 2018 - December 2018

- Lead director responsible for development of Marshmallow Poppers.
- Assigned tasks, created schedules and wrote scripts for Marshmallow Poppers.
- Completed development of Marshmallow Poppers on time for class presentation

## Professional Experience

Instructional Student Assistant

November 2018 - Present

Computer Science and Engineering Department at CSUSB

- Managed and provided support to tutors for CSE department
- Debugged labs and homework for students in C++, Java, C# and Python
- Provided students with quality tutoring, and maintained tutoring center.

Mobile Application Development Intern

April 2018 - September 2018

Information and Technology Services at CSUSB

- Implemented functionalities for teachers function to CaseAide Scholar.
- Used PHP and occasionally sql to edit clients and maintain students.
- Improved the database structures to provide better information flow.

## Volunteer Experience

CSE Club tutor

October 2017 - November 2018

## Affiliations

Institution of Electrical and Electronics Engineer

October 2017 - Present

Association of Computing Machinery

October 2018 - Present

Computer Science and Engineering Club (VP 2018 - 2019)

October 2017 - Present