

# Mihir Patel

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## EDUCATION

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### California Polytechnic University, Pomona

Fall 2018 - Current

B.S Computer Science 2021

Minor Psychology 2021

## SKILLS

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**PROGRAMMING:** Java, C++, Python, NodeJS, MongoDB, Flutter, Dart, JavaScript, Amazon Web Service (AWS)

**OTHER:** Team Management, Communication, Research and Analysis, Training and teaching, Presentation, Programming and managing events, Adobe Suites

## PROJECTS

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### TheShuffling

TheShuffling is a Web Service available for users to upload and organize custom card collections. It features a global chat and a Google login authentication. The web service is created by using NodeJS, Mongo Atlas, JavaScript, bootstrap, and hosted using Amazon AWS EC2. I worked on front-end development, global chat, and software testing. Demo:

<https://youtu.be/Tv1DGACwy1U>

### PolyTransfer Connect

This android application is for Cal Poly Pomona PolyTransfer Students. This will help students to navigate the PolyTransfer program easily and be in contact with their mentors and on-campus resources as well as events happening on campus.

### COVID-19 Predictions

Created a Machine Learning model using Support Vector Model to predict future cases of corona virus. This outputs a comparison between the Linear Regression model prediction and Polynomial algorithm in the SVM prediction.

## EMPLOYMENT

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### NZXT, Assembly Team Member, City Of Industry, CA

Mar. 2020 - Current

As part of the Assembly team member, it is my duty to coordinate installation and set-up of desktop computer hardware, work in teams to set-up a higher level build, and report abnormalities, if any.

### PolyTransfer, Student Peer Mentor, Cal Poly Pomona

Jul. 2019 - Current

As a mentor, I support and encourage new Cal Poly Pomona transfer students for success by creating a necessary plan for a path to success. I also promote Transfer student culture at Cal Poly Pomona Via social media and on-campus events.

### CLAcademy, Math/Physics Tutor, Chino Hills, CA

Sep. 2018 - Jun. 2019

Provided tutoring for skill-based math such as SAT Math, Geometry, Trigonometry, Pre – Calculus. Created weekly lesson plans for AP Physics and helped the student understand concepts and prepare for the AP Physics Exam.

## LEADERSHIP

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### Science Council, Director of Programming

Cal Poly Pomona, CA

- Plan, coordinate, and execute all events in coordination with the Council
- Reaching out to on campus resources for collaboration in events.

### CPP Tamanna, Co-Captain

Cal Poly Pomona, CA

- Managed the dance team with Team Captain
- Created a choreography routine for the dance team