

# Ripandeep Singh

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## EDUCATION

**Bachelor's in Computer Science** | San Jose State University, San Jose, CA | Anticipated - **Dec 2021** GPA – 3.5

**Associate of Science in Physics** | Fresno City College, Fresno, CA | Graduated – **June 2019** GPA – 3.6

**Associate of Science in Mathematics** | Fresno City College, Fresno, CA | Graduated – **June 2019** GPA – 3.6

## PROJECTS

**Class Note Sharing WebApp** March 2021

- Built a web application to share notes among all students in a class for easy note taking. Embedded JavaScript, AJAX, HTML/CSS and Bootstrap.
- Developed the backend of the application using Node.JS and Express Framework and MongoDB for storing data.
- Designed UI using EJS, HTML/CSS and Bootstrap. New User Interface under development using ReactJS.

**EasyLink - Google Chrome Extension** August 2020

- Programmed a google chrome extension to add, and access class zoom sessions using JavaScript and jQuery.
- Used Chrome's APIs to store the data on user's account.
- Implemented the front-end of the extension using HTML5/CSS3, Bootstrap and Google fonts RESTful API.
- <https://chrome.google.com/webstore/detail/easylink/edknakedjgjlloogoljnadohefcnpogcj>

**MixIt Android Application** April-June 2020

- Designed an algorithm that suggests recipes based on the ingredients in your fridge.
- Created an android application using Java for algorithm making, XML for front-end, SQLite for local Database.
- Used Picasso's RESTful API to display images of the suggested recipes.

**Automated Catalog Generator** July 2020

- Used regex to extract useful data from JSON file obtained from website.
- Automated pdf generation using Python's *ReportLabs-Platypus* library from regex optimized JSON file.
- Send the generated pdf file to website owner's email and posted it on the website.

**Other Projects:** Mancala Game (Java) | PC Health Checker (Python) | Dice Game (JavaScript) |

Who Pays? (JavaScript) | Game design (Unreal Engine) | Bank Queue simulation (C) | Pokémon GUI Search (C++).

## SKILLS & HONOR

**Languages & Frameworks:** C++ | Java | Python | JavaScript | React | Scala | CSS | HTML | MySQL | MongoDB | Node.JS | ExpressJS | Bootstrap | jQuery | SQLite | EJS.

**Programming & Creative tools:** Linux | Bash scripting | QT | Bitbucket | Git | Amazon AWS | MongoDB Atlas | Adobe Creative Cloud: Lightroom, Photoshop, XD.

**Certificates:** IT Automation with Python (August 2020) | Web Development Bootcamp (In Progress).

**Achievements:** Awarded 2 times Dean's Scholar for maintaining a 3.6 GPA and above.

## EXPERIENCE

**McDonald's Corp.,** Cashier/ Crew Trainer, Fresno, CA December 2014 – January 2021

- Leveraged skills as both a front counter contact and cashier to provide customers with excellent services.
- Able to demonstrate meaningful interaction, and sound communication skills.
- Responsible for collecting and processing cash payments and refunds.