

# Amitesh Sharma

COMPUTER SCIENCE · SOFTWARE ENGINEER

11455 Mayapple Way, San Diego, CA, 92131

☎ (858)-877-8069 | ✉ amitesh.sharma.2001@gmail.com | 🏠 <https://amiteshksharma.github.io/> | 📷 amiteshksharma |  
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## Summary

Current UC San Diego Computer Science student and an aspiring Full-stack developer. Industry experience in front-end development with React.js, React Native, and TypeScript and in back-end development with Python and Node.js. Strong understanding of the programming languages Java, TypeScript and C++.

## Education

### UCSD (University of California, San Diego)

La Jolla, CA

B.S. IN COMPUTER SCIENCE AND ENGINEERING

September 2019 - December 2022

- Current GPA - 3.86
- Relevant courses - Discrete mathematics, algorithms, database design, compilers, machine learning, operating systems, algorithm analysis, security.

## Work Experience

### Verkada

San Mateo, CA

SOFTWARE ENGINEERING INTERN

June 2022 - September 2022

- Worked on CI/CD pipeline to automate testing and reduce time spent manually testing during the development cycle.
- Implemented full-stack feature and designed database tables to comply with EU security guidelines and strengthen device security.
- Built a cronjob with Kubernetes to inform users by email when wireless devices run low on battery.

### Walmart Global Tech

Remote

ECOMMERCE SOFTWARE ENGINEERING INTERN

June 2021 - August 2021

- Implemented seamless and intuitive designs to provide metrics to 1M+ in-store associates.
- Collaborated with design team to ensure proper guidelines were followed for optimal user experience
- Wrote End-to-End tests to ensure reliability and consistency in code.

### Scripps Research

San Diego, CA

RESEARCH INTERN

March 2021 - June 2021

- Integrated logging to assist with detecting bugs and pinpointing error locations with ease.
- Designed CORS verifier to ensure API requests follow CORS protocol.
- Provisioned static web page with Angular and rendered through Tornado to check log files on local machines.

## Extracurricular

### Triton Software Engineering

52K monthly visits

DEVELOPER

September 2020 - December 2021

- Worked on dynamic web applications with React.js and express.js
- Assisted nonprofit organizations with free service by building applications to help them grow and server their everyday needs.
- Implemented front-end components for two projects: Baraka & Bilal Catering and Sakyadhita.

## Skills

**Languages** JavaScript, TypeScript, Python, C, C++, Java

**Front-end** React.js, React Native, React-Redux, HTML5, CSS, Figma, Zeplin

**Back-end** Node.js, Python Flask, Firebase, MySQL, MongoDB, SQLAlchemy

**Tools** Git, Github, Android Studio, Xcode, Elastic search, Docker, Kubernetes