






# HRITVIK GUPTA

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## EDUCATION

### University Of California, Riverside

*Master of Science Computer Engineering* | GPA: 3.7/4.0

Riverside, CA

*Expected Dec 2023*

### Geetanjali Institute Of Technical Studies

*Bachelor of Technology Computer Engineering* | GPA: 9.25/10

Udaipur, India

*Graduated Sep 2022*

## SKILLS

**Languages:** Python, JavaScript/Typescript, HTML5/CSS3, C++, Java, Kotlin, SQL, SASS, Swift

**Frameworks:** React.js, Next.js, Node.js, Express, Redux, Tensorflow, Jest, JQuery, Jetpack Compose, GraphQL.

**Technologies:** Git, AWS, Deep learning, NLP, MongoDB, Firebase, SDLC, REST APIs, JSON, SEO, Gradle.

## WORK EXPERIENCE

### Volunteer Tech Mentor

Jan 2022 - Sep 2022

GITS

*Udaipur, India*

- Tutored 20+ undergraduates in Python, JavaScript and Object oriented programming fundamentals.
- Lead and Assisted in organizing coding bootcamps and hackathon, engaging 100+ participants in AR/VR learning.

### Undergraduate Research Intern

March 2021 - Oct 2021

Indian Institute Of Technology Roorkee

*Remote*

- Conducted AI **Research** on human cognitive abilities correlating frontal lobe with rest and active states.
- Achieved a 15% boost in model accuracy via Statistical Analysis, **Python** feature segmentation and **Tensorflow** data pipeline.
- Co-authored a publication in an IEEE Journal through collaboration with PhD candidates.

## PERSONAL PROJECTS

### Github Open source projects:

- **Shoe-ecom-store:** Identified bugs in the net banking payment portal of an e-commerce store, provided solutions using React and TypeScript logic. This addition enables flexible customer payments, including UPI transactions.

### E-commerce Website (React.js, Typescript, Node.js, MongoDB):

- Built an E-commerce application, integrating product management and user authentication, with **React Hooks** and Context **API** for data management.
- Leveraged **Node.js** for backend development with controllers, user models and custom middleware for data handling and interaction with MongoDB database.
- Implemented a responsive UI with **Bootstrap** and deployed the application on Netlify for optimal accessibility and prototyping.

### Travel (React.js, Bootstrap, Rapid API, Axios):

- Developed an interactive web application leveraging a tech stack of React Bootstrap for responsive design, RapidAPI, and **Axios** for efficient **API** request handling.
- Integrated Google Maps and utilized RapidAPI to enable users to discover attractions, hotels, and restaurants.

### Light-UI-Web-App (HTML, CSS, JavaScript):

- Built a UI component library providing clean, reusable components including Typography, Avatar, Alerts, and more, supporting both light and dark modes.

### To-Do List App (Kotlin, HILT, Room, MVC):

- Created a task management app by utilizing **Kotlin**, **HILT**, and Room within an MVC framework to build a application with sharing, reminders, social logins (Google/Facebook), and local storage. Published on [Google Play](#)

## EXTRA-CURRICULAR ACTIVITIES

- Published 3 research papers on Natural Language Processing and EEG in IEEE Journal [Google Scholar](#)
- Actively reviewing and debugging code in various [github](#) repositories as an open-source contributor.
- Conveying valuable insights and detailed information through engaging and well-researched [blogs](#).