

Dhananjayan P N

Software Developer

Inquisitive, energetic college student with a penchant for Computer Science and Artificial Intelligence. Passionate about building software solutions that make lives easier.

EDUCATION

UNIVERSITY OF WISCONSIN - MADISON

August 2020 - May 2024

BS in Computer Science & Data Science

LANGUAGES & FRAMEWORKS



Python 3



JavaScript



Java



Django



React



Flutter

LEADERSHIP & AWARDS

- Represented India at the Y4PT Global Hackathon, held at Sweden
- 1st Place at Amrita National Science Olympiad 2019, among 102 teams
- 1st Place at IBM sponsored Hackathon
- Ranked Top 20 in HP CodeWars 2019
- Selected Trainee for the CMS Collaboration at CERN in Geneva, Switzerland

CONTACT INFO

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EXPERIENCE

STUDENT DEVELOPER, UNDERGRADUATE R.A.

People & Robotics Lab, UW-Madison | May 2021 - Present

- Developing multiple Chrome Extensions to aid TBI Patients in using social media
- Created Android Application to Record Alexa conversations for research
- Set up API server on AWS for handling requests from the extension

FULL STACK DEVELOPER

Demic LLC | April 2021 - Present

- Developing a cross-platform mobile application with React Native
- Handling requests to Firebase Storage
- Designed and implemented accessibility features

SOFTWARE DEVELOPMENT INTERN

Fleo Tech | April 2021 - August 2021

- Developed a MEAN stack application
- Responsible for developing an efficient API Backend
- Setup AWS SNS for email and in-app notifications

MOBILE APP DEVELOPER INTERN

Gen Next Education, Inc. | Mar 2020 - September 2020

- Developed a cross-platform mobile application with Flutter
- Optimized network requests with caching
- Designed an interactive and easy-to-use UI

TALENT OUTREACH PROGRAM INTERN

Cisco India | Aug 2019 - Jan 2020

- Worked in a team under the mentorship of Cisco developers
- Created a Web-based project for event management at schools
- Developed the back-end system for the project, along with other developers

PROJECTS

- AutoDust, an AI system designed to detect the type of waste and segregate accordingly. [\[Python 3\]](#)
- Instagram Bot, a Python bot made to connect with like-minded individuals in an automated fashion. [\[Python3\]](#)
- Virtual Eye, a mobile application that uses Machine Learning and Object Detection to help visually impaired individuals understand their surroundings through audio cues. [\[Java & Python3\]](#)
- [VIEW MORE](#) at dhananjayan.tech