

Vedant Nandoskar

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Personal - <https://vedant1202.github.io/personal-website/>

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Education

University of Illinois, Chicago (UIC)

August 2023 - Present

- **Master of Science in Computer Science** – Expected Graduation: May 2025
- **Coursework** – Focused in 500-level courses on HCI, User interfaces, VR, web security and privacy.
- **Thesis** (in-progress): Designing and improving Gesture Interactions for Virtual Reality interfaces; conducting work at the ELICIT lab (<https://uicelicitlab.com/>) at UIC under the guidance of Dr. Nikita Soni (<https://nikitasoni.me/>).

Vidyalankar Institute of Technology, Mumbai, India

- **Bachelor of Engineering in Information Technology**; CGPA 8.26/10 July 2021

Skills

- **Programming languages**: Python, JavaScript.
- **Front-end frameworks**: VueJS, ReactJS; **Back-end frameworks**: NodeJS, Flask, Django.
- **Virtual Reality**: Development with Unity, Meta Quest, and Microsoft Hololens.
- Experience with **ML/AI** domains such as NLP, Computer vision; **Design platforms** like Figma, Blender.
- **Database Technologies** in both SQL and NoSQL - MySQL, PostgreSQL, MongoDB, Redis.

Work Experience

University of Illinois at Chicago, Chicago, IL, USA

Graduate Research Assistant

June 2021 - July 2023

- Working at Department of Medicine under Dr Jun Ma's team - Vitoux program on equitable health
- Tasked with handling Redcap projects, developing support tools for research centers, and software support for on-going research.
- Also tasked with designing and developing software infrastructure tools for operation of new clinical research center at UIC.

Clevertap, Mumbai, India

Software Engineer - Frontend (Level 1 & 2) – Engineering

June 2021 - July 2023

- Responsible for major dashboard upgrade and migration of customer base to new dashboard, key web-components design and development leading to about 22% increase in customer base and valuation.
- The new dashboard improved user experience and reduced campaign creation time by about 10 seconds and 5 fewer clicks eventually leading to the sunset of the older dashboard.
- Mentored interns, new joiners for smooth onboarding. Awarded Spotlight award for exemplary contributions.

Internship/Additional Experience

Google Summer of Code, Remote (USA) – Open Source Fellow

May 2021 - Sep 2021

- Developed a Real Time Collaboration System for *CaMicroscope*, a digital pathology slide viewer being used at National Cancer Institute and FDA. Also created documentation, and usage guidelines of new features.

Additional Information

- **Automated User Interface Generation using Generative Adversarial Networks**: project generates UI mockups based on user requirements fetched through a simple and interactive questionnaire; **Published in International Journal of Computer Applications** in April 2021, Volume 174 (31), ISBN: 973-93-80901-79-4
- **Hackathons**: StackHack 1.0 (2020) (Won), SillyHacks (2020) (Won), Snapchat Developer Challenge (2020) (Runner Up), HackBenchers (2018) (Won), HackBenchers (2018) (Won), Sunhacks (2020) (Mentor), Creatica (2022) (Mentor), Creatica (2021) (Mentor), Creatica (2020) (Mentor), and DigitalOcean's Hacktoberfest 2020.
- **Activities**: **Open source contributor** at CaMicroscope, Socket.IO, Docusign, Project Apollo and more (can be found on my Github); **Organization member** at FOSSASIA (Free and Open Source Software, Asia); **Invited to give a virtual talk at the Google Developer Student Club - University of London** on experience with Google's Summer of Code and a Q&A session for students. Link to the event <https://gdsc.community.dev/j/rbbhra4ngqnu/>
- **Additional contacts and links**: **Github**: <https://github.com/Vedant1202> **Blog**: <https://dev.to/vedant1202> , <https://medium.com/@vedant.nandoskar>