

Pankaj Meghani

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EDUCATION

Purdue University

August 2020 – May 2023

Bachelor of Science in Computer Science, West Lafayette, IN
Dean's List (2/2 semesters)

GPA: 3.89

Relevant Coursework: Calculus, Intro to Linear Algebra, Foundations of Computer Science, Programming in C

Podar International School

April 2018 – November 2019

EXPERIENCE

Undergraduate Researcher – Purdue University

May 2021, West Lafayette

- Worked under Dr. Greg Michalski from EAPS in the SURF program “Mobile Air Quality Sensors and the Internet of Things” and presented research at the SURF Symposium.
- Work involved creating a portable, affordable, open-source IoT weather monitor from off-shelf components, analyzing collected data, and presenting results to the public through Thingsboard.

Assistant Teacher – Volunteer at Navjyot Foundation

November 2019 – March 2020, Mumbai

- Volunteered at local NGO to teach four underprivileged high schoolers Mathematics and English every weekday with Hindi as the medium of instruction
- Resulted in an average improvement of 12 percentage points in examination scores

PROJECTS

Bug Tracker

- Built a responsive web app that allows users to keep track of tickets in projects. The application supports different user types, allows CRUD operations on users, tickets and projects, and user authentication.
- Coded using React JS, Prisma, GraphQL (Apollo + URQL), Passport, and Bootstrap.

Stylize – <https://git.io/J8NwY>

- AI trained for artistic image style transfer using convolutional neural networks. Implementation of arxiv.org/abs/1508.06576
- Coded in Python with PyTorch

CLUBS

- **Secretary** (Spring 2021 – Present): Hack The Future
- **Lead Software Developer** (Fall 2020 – Present): Purdue Hackers
- **Lead Backend Developer** (Fall 2020 – Spring 2021): Jessie's Kids Foundation (through Hack The Future)

SKILLS

Programming Languages: JavaScript & TypeScript, Python, Java, C

Related Technologies: React, Express, Prisma, MongoDB, PyTorch, Scikit-Learn, Numpy, Pandas, Git, Linux

Languages: English (Native), Hindi (Native), French (DELF A2), Sindhi (Spoken)