# NISHA PANT

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## EDUCATION

**University of Illinois at Urbana Champaign** – *BS, Computer Science*                    Aug '19 – May '22
- Relevant Coursework: Data Structures, Computer Architecture, Ethics in Computer Science, Software Design Studio, Discrete Structures, Applied Linear Algebra
- Involvement: HackIllinois Staff, Reflections|Projections Staff, Women in Computer Science

## EXPERIENCE

**University of Illinois at Urbana Champaign** – *Research Intern*                    Oct '19 – Dec '19
- Worked as a PURE undergraduate researcher on single microphone source separation.
- Used Python, SKLearn, TensorFlow, and PyTorch to analyze audio files.

**Vimeo** – *iOS Engineering Intern*                    Jun '19 – Aug '19
- Worked on Apple Mobile Workflow team, improving user upload and video experiences.
- Integrated Siri shortcuts into iOS Vimeo application using Swift, allowing users to instantly upload videos to Vimeo.
- Created product design specification for a Vimeo creator Chrome extension.

**Northwestern University** – *Research Intern*                    Jul '18 – May '19
- Conducted research on secure querying for federated databases with Professor Jennie Rogers.
- Helped improve Java applications to make searching through massive, federated datasets more efficient.

**Girls Who Code Summer Immersion Program** – *Student*                    Jun '17 – Aug '17
- Gained technical and communication skills through team projects and partnered programming.
- Created GloPal, a web-application promoting eco-friendliness with backend created in Django.

## LEADERSHIP

**CompSci Kids** – *Co-Founder*                    Mar '18 – Present
- Founded CompSci Kids, a program that promotes the importance of computer science to elementary and middle school students.
- Oversaw six classrooms at Conant High School with students ranging from first to eighth grade.
- Created curriculum for all four grade levels, utilizing technologies such as Scratch, Code.org, Alice, and Visual Basic.

**Code211** – *Student Representative*                    Nov '17 – Jan '18
- Organized and promoted District 211's first hackathon, a 24 hour event where students can build a finished project and learn about new technologies.
- Brainstormed projects and facilitated workshops with other student groups at the event.

## SKILLS

- Proficient: Java, C++, Swift, Git, Bash, JavaScript, HTML/CSS
- Familiar: Python, Django, Arduino

## PROJECTS

**Math Team**
Collection of helpful tools made in Django for both math team coaches and students to practice questions and get updates on upcoming activities.

**Politigo**
Website built with GraphQL, Node.js and the ProPublica API. Users can search a database of bills and politicians to find information on current and past political climates.