

Nisha Pant

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Education

University of Illinois at Urbana Champaign – BS, Computer Science Aug '19 – May '22

Coursework: Software Design Studio, Discrete Structures, and Applied Linear Algebra

Involvement: HackIllinois Staff, Women in Computer Science, Association of Computer Machinery

James B Conant High School – High School Diploma Aug '15 – May '19

Coursework: Calculus III, Mobile Application Development, and AP Computer Science A

Experience

University of Illinois at Urbana Champaign – Research Intern Oct '19 – Dec '19

- Working as a PURE undergraduate researcher on single microphone source separation.
- Using 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.

Projects

Math Team

Collection of helpful tools for both math team coaches and students to practice questions and get updates on upcoming activities. Made with Django.

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.

Skills

Java, C++, Swift, Python, Git, Django, HTML/CSS, Javascript, and Arduino