

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 – *PURE Undergraduate Researcher* Oct '19 – Dec '19

- Collaborated to build a machine learning model to separate audio files with multiple sound sources.
- Analyzed audio files using Python, Pandas, and SKLearn.

Vimeo – *Software Engineering Intern* Jun '19 – Aug '19

- Improved user upload and video experiences within the Apple Mobile Workflow team
- 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.
- Improved Java applications to make searching within federated datasets more efficient.

CompSci Kids – *Co-Founder* Mar '18 – Jul '19

- 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.
- Designed curriculum for all four grade levels using technologies such as Scratch, Code.org, Alice, and Visual Basic.

Girls Who Code Summer Immersion Program – *Student* Jun '17 – Aug '17

- Enhanced technical and communication skills through both team projects and partnered programming.
- Developed GloPal, a web-application to promote eco-friendliness using Django for the back-end application.

SKILLS

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

PROJECTS

International Diamond Company Website Apr '20 – Present

Creating an e-commerce website for a local jewelry store using React, GraphQL, MongoDB, and the Stripe API. Consumers will be able to browse and purchase inventory and contact the owners with questions.

Politigo Jun '19 – Aug '19

Designed a website using 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.

Math Team Jan '18 – May '18

Generated a collection of helpful tools in Django for math team coaches and students to practice problems and receive updates on upcoming activities.