

Rishi Pandey

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EDUCATION

University of Illinois Urbana Champaign | *Champaign, IL* May 2021
Bachelor of Science, Major: Industrial Engineering, Minor: Computer Science GPA: 3.2

Universidad Pontificia Comillas | *Madrid, Spain* Jan 2019 - May 2019
Engineering Semester Abroad

SKILLS

Technical: Python, C++, Java, Unreal 4, Machine Learning, GLSL, OpenGL, 3ds Max, OpenCV, Unity, Shotgun, SQL
Language: Spanish, Hindi

EXPERIENCE

Zero VFX | *Chicago, IL* May 2019 - Sept 2019
Technology Intern

- Developed tools to assist in feature film pipeline integration, specifically between Shotgun and Photoshop
- Experimented in Unreal 4 to learn how real-time rendering impacts virtual production filmmaking and visual effects
- Assisted in managing artist requests for visual effects software using Python and pipeline toolkits

Fiserv | *Chicago, IL* May 2019 - Aug 2019
IT Architecture Intern

- Built full-stack status system for data reporting automation by utilizing Python and SQL database technologies
- Helped set up big data architecture for elegant solutions to financial data management using cutting edge techniques
- Collaborated with the data engineering team to incorporate efficient real-time analysis

NetMath | *Champaign, IL* Jan 2018 - Nov 2018
3D Math Mentor

- Mentored students studying university-level multivariable calculus using Mathematica and Matlab tools
- Automated processes for efficient grading on a 3D Math e-learning platform using Python web frameworks
- Encouraged student collaboration and created a positive learning environment for a diverse student body

CS 125 | *Champaign, IL* Aug 2018 - Dec 2018
Java Course Assistant

- Created Android applications to teach students how to create user interfaces and develop code for mobile platforms
- Guided computer science students in learning to construct efficient algorithms in Java
- Supervised office hours in order to prioritize students that required individualized attention

Amnesty International | *Chicago, IL* Jun 2017 - Aug 2017
Intern

- Conceptualized Amnesty app and assisted in raising \$5000 for first-round funding in app development
- Managed a database of student groups to promote successful collaboration for universities across the country
- Organized human rights events for the Midwest region and led groups of student activists

ACTIVITIES

Experimental Filmmaker | *Chicago, IL* Jan 2018 - Present
Director, Producer, and Writer

- Directed short films that explore the intersection of cutting edge technology and powerful storytelling
- Initialized production on a virtual reality short film running on the Unreal Engine
- Passionate about storytelling in a myriad of formats from 8mm film to virtual production

Marathoner | *Chicago, IL* Oct 2018 - Present