# Ritij Jain

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## Computer Science Major | Penn State '23

Second-year computer science student with an interest in robotics, data science, and full-stack software development. Open to internship/research/project opportunities.

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## EDUCATION

**B.S. in Computer Science | The Pennsylvania State University, University Park, PA**  Expected: May 2023
- *Cumulative GPA:* 3.93/4.0 – Dean's List
- *Relevant Coursework:* Programming and Computation II: Data Structures, Immersive Technologies, Public Speaking for Engineers

**International Baccalaureate (IB) Diploma | Genesis Global School, Noida, India**  Completed: May 2019

## PROJECTS

**ConnectPie Django Web App | Full-Stack Web Developer |** ritijjain.com/cp  Initial Launch: 3 Aug 2020
- A Django web app that lets college students create and search class discussion pages where they can post informative notes and links to group chats.
- Gathered over 2,000 page views, 350 users in the first 3 days of release.
- *Backend:* Python, Django; *Frontend:* Bootstrap 4; *Deployment:* Heroku, PostgreSQL

**Python Ranking Algorithm | Team Developer**  Initial Launch: Pending
- A modular object-oriented Python ranking algorithm that aims to deliver speedy ranking based on user set custom preferences.
- Initiated the project, currently working in a team of 3 to release the first open source version.

**WeatherPie | Full-Stack Web Developer |** ritijjain.com/wp  Initial Launch: 16 Jul 2020
- A Django weather app equipped with a clothing-suggestion algorithm that delivers a personalized weather forecast and suggests clothing based on the weather.

View all projects: ritijjain.com/projects

## SKILLS

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| **Programming Languages:** | Python |
| **Web Frameworks:** | Django, Jekyll |
| **Tools:** | Heroku deploy with PostgreSQL, Git, Arduino IDE, Adobe Illustrator, SketchUp |
| **Other:** | Microsoft Excel, Hindi (foreign language), CAD/3D Design |

## OTHER EXPERIENCE

**Telefundrasing Caller | Penn State Lion Line, University Park, PA**  Oct 2019 – Present
- Reached alumni and other prospects on the phone to update them about Penn State and persuaded them to make financial gifts for the university.
- Raised over $2,500 in academic gifts and THON (philanthropy) donations.

**Assistant STEM Club Instructor | Genesis Global School, Noida, India**  Oct 2018 – Jan 2019
- Assisted with the delivery of instructions for the STEM club.
- Technically assisted children with their projects involving Arduino IDE, servo motors, CAD, and 3D printing.