

# Aaryabrat Chhatkuli

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## EDUCATION

### DePauw University (Greencastle, IN) Bachelor's Degree

**Graduation:** December 2025

- Majors: Computer Science and Mathematics
- CGPA: 3.6/4.0 | Majors' GPA: 4.0/4.0

**HighLights:** Dean's List for all my completed semesters, CS Opportunities for Students of Color, DePauw Programming Council, DePauw Robotics Club, Google Developer's Students Club, International Computer Science Association

## TECHNICAL SKILLS

- **Languages:** C++, Python, Java, HTML, CSS, Javascript, Erlang, React
- **Software:** Microsoft Office, Tableau, Timeline JS, Autodesk Fusion 360, Lapentor, Audacity, DaVinci Resolve, Google Sites, CURA Lulzbot, VS Code, Bootstrap, Adobe Photoshop, Eclipse, XCode
- **Frameworks/Systems:** Git, GitHub, MongoDB, MySQL, Django, Hooks, APIs

## WORK EXPERIENCE

### DePauw University - Software Development Intern | Greencastle, IN

**Aug 2023 - Present**

- Created and deployed web applications and Depauw-themed games tailored for the University Library's touchscreen kiosk
- Utilized tools like Hooks from React for front-end, Django from Python for back-end boosting overall engagement by 25%

### Tenzer Technology Center - Web and 3D Printing Intern | Greencastle, IN

**Jun 2023 - Aug 2023**

- Designed fully 10+ 3D models in Fusion 360, printing over 5 including laptop stands, using CURA LulzBot printers
- Used Google Sites to seamlessly connect 3D prints with web platforms, bridging digital designs to tangible experiences

### DePauw University - Software Research and Web Development Intern | Greencastle, IN

**Sep 2022 - May 2023**

- Showcased proficiency in Timeline JS, ArcGIS, and BigTree to make 10+ projects that have been uploaded on a [website](#)
- Acquired expertise in Data Visualization, Virtual Reality, Audio/Video Editing, and Graphic Design through the projects

### ChimpVine - Game Design Intern | Remote

**Aug 2021 - Dec 2021**

- Implemented game-based teaching, focusing on game design and company website's UI/UX at a New York-based startup
- Designed and tested 20+ games, improved company website's UI/wireframes, and worked with marketing to boost revenue

## PROJECTS

### [ATM Simulator](#) (August 2023):

- Developed an ATM Simulator using Java utilizing JFrame and Maven, offering real-time cash deposits, withdrawals, and instant account balance updates
- Leveraged object oriented concepts for linking person object with the information and banking actions while building and connecting to a MySQL database using Java Database Connectivity

### [Visualize Sorting](#) (September 2023):

- Crafted a Sorting Visualizer using React and JavaScript, demonstrating self-devised sorting algorithms for Heap, Merge, Quick, and Bubble sorts
- Utilized custom animation logic by employing intricate DOM manipulation techniques to synchronize visual representations with algorithmic processes to understand the backside of popular sorting algorithms

### [Weather With Aarya](#) (September 2023):

- Developed a responsive Weather App using React integrating the OpenWeatherMap API to make asynchronous calls for gathering necessary data based on the user inputted city name
- Features real-time updates on actual temperature, what temperature it feels like, humidity, and wind speed, along with a single word message to describe the weather

## LEADERSHIP EXPERIENCE

### DePauw University - Software Mentorship Lead | Greencastle, IN

**Jun 2023 - Present**

- Addressed locals' technological challenges, such as refining crash videos in Photoshop, at Putnam County Public Library
- Guided web development, and graphic design using Canva, aiding local entrepreneurs in elevating their digital presence

### DePauw Data Science Club - Vice President | Greencastle, IN

**Aug 2023 - Present**

- Implemented club initiatives, programs, and outreach efforts, overseeing collaborative projects, workshops, and events
- Fostered an environment of continuous learning, applying data science concepts across various academic disciplines