Aaryabrat Chhatkuli

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EDUCATION

DePauw University (Greencastle, IN) Bachelor's Degree   **Expected:** December 2025

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

HighLights: Dean's List for both my completed semesters, CS Opportunities for Students of Color, DePauw Robotics Club, DePauw Programming Council, 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, XCode, Bootstrap, Adobe Photoshop, Eclipse
- **Frameworks/Systems:** Git, GitHub, React, Mongo, XCode, Slack, MySQL

WORK EXPERIENCE

DePauw University - **Software Development Intern** | *Greencastle, IN*   **Aug 2023 - Present**

- Implemented web applications and Depauw-themed games tailored for the touchscreen kiosk at the University Library
- Utilized HTML, CSS, Javascript, and React for front-end, and 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, developed the website UI/wireframes, and worked with marketing to boost revenue

LEADERSHIP EXPERIENCE

DePauw University - **Software Mentorship Lead** | Greencastle, IN   **Aug 2023 - Present**

- Addressed community's technological challenges, such as refining crash videos in Photoshop, at Putnam County Library
- Guided web development and graphic design on 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

Information Technology Associates Program - **Associate** | Greencastle, IN   **Sep 2022 - Present**

- Selected in a highly competitive program, collaborating with cross-functional university teams
- Developed and honed practical tech skills, contributing to real-world projects and enriching academic learning

PROJECTS

ATM Simulator (September 2023):   **Code**

- Developed an ATM Simulator using Java utilizing JFrame and Maven, offering features such as real-time cash deposits, withdrawals, and instant account balance updates; utilized MySQL for robust backend data management

BMI Calculator (July 2023):   **View | Code**

- Developed a versatile BMI calculator that accepts varied height and weight units, categorizing user health based on computed BMI using HTML, CSS, and JavaScript; deployed on Netlify for a smooth user experience

SpendSavvy (August 2023):   **View | Code**

- Crafted an advanced web interface using CRUD methodologies with HTML, CSS, and JavaScript, focusing on real-time feedback, superior design, and enhanced user interactivity; deployed seamlessly via Netlify