Yuvika Khurana

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EDUCATION

Purdue University — West Lafayette, IN
Bachelor of Science in Computer Science, Concentration in Software Engineering — *Jan. 2022 – Present*
GPA: 4.0/4.0 | **Expected Graduation**: May 2025
Honors and Awards: Boeing Student Organization Scholarship (April 2023); Dean's List and Semester Honors (May 2022, December 2022, May 2023)
Relevant Coursework: Problem Solving and Object-Oriented Programming (Java), Programming in C (with C++), Discrete Mathematics, Data Structures and Algorithms, Computer Architecture

Delhi Public School — Surat, India
High School Diploma — *Mar. 2016 – July 2020*
Percentage: 97%

WORK EXPERIENCE

Undergraduate Teaching Assistant — Aug. 2022 – May 2023
Computer Science Department, Purdue University — *West Lafayette, IN*
- Teaching assistant for the course CS 180: Problem Solving and Object-Oriented Programming in Java
- Assist first-year students through their first programming class, including labs, projects and homework
- Carry out office hours and lead the lab sections of over 50 students as they practice their weekly programming assignments

Student Office Staff — Aug. 2022 – May 2023
University Residences, Purdue University — *West Lafayette, IN*
- Provide coverage at the front desk of the Student Residence Hall.
- Maintain files and records, and provide assistance to the residents.

PROJECTS

Database Learning Management System | *Java*
- Designed a Learning Management System using Graphical User Interfaces(GUI) incorporating features of Network I/O and Concurrency that allowed student and teacher users to interact through the discussion forums
- Designed a server-client component which uses user defined protocols over network sockets for communication with a multi-threaded, asynchronous implementation

To-Do List Web Application | *Node.js, Express.js, EJS, JavaScript, HTML, CSS, MongoDB*
- Designed a full-stack To-Do List Web Application that allows users to create custom lists and supports functionalities to add and delete items.
- Used Node.js, Express.js, JavaScript on the back-end and EJS, HTML, CSS on the front-end while using MongoDB Atlas for storing and maintaining data.

Keeper App | *React.js, Node.js, HTML, CSS, JavaScript*
- Designed a full-stack note-taking web application - Keeper App, that allows users to create, add and delete notes.
- Used Node.js and JavaScript on the back-end and React.js, HTML, CSS as front-end techologies.

LEADERSHIP & EXTRACURRICULAR

Purdue Hello World Hackathon — Jan. 2023 – Present
UX Team Lead
- Plan and organise Hello World 2023 - Purdue's freshman only hackathon
- Organise socials, team building and mentorship events for over 250 participants

Computer Science Women's Network — Aug. 2022 – May 2023
Member
- A student led organization at Purdue University dedicated to helping women in the Computer Science field
- Participated in activities including campus wide events like Puzzle day, tech panels, socials and professional networking opportunities

Read 'o' Clock — May. 2021 – Jan. 2022
Co-Founder
- A start-up to create a close-knit community of novice and experienced readers.
- Conducted weekly sessions of over 10 books with 40+ members
- Built a safe community for people to voice out their opinions

SKILLS

Languages: English (Fluent), Hindi (Native), Gujarati (Native)
Programming: Java(proficient), Python(proficient), C(proficient), C++(intermediate), HTML/CSS(proficient), JavaScript(proficient), SQL(proficient)
Framework/Technologies: Node.js, React.js, Express.js, jQuery, Bootstrap, Git, Linux, MongoDB
Others: Microsoft Office, Web Development, Object-Oriented Programming, Data Structures and Algorithms