

Priyanka Jain



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SCRUM certified, detail oriented and creative computer science student seeking opportunities in designing and developing experiences that will let humans interact with computers in novel ways.

EDUCATION

Purdue University, Bachelor of Science, Computer Science

December 2022

Software Engineering Track • Minor in Art and Design Studio • Certificate in Entrepreneurship

Information Systems • Data Mining + Machine Learning • Software Engineering • Software Testing •

Operating Systems • Design 1 • Electronic + Time Based Art • Marketing + Management for New Ventures

EXPERIENCE

Storysoft LLC

Frontend Developer Intern, Remote

June 2022 – August 2022

- Implemented AdobeXD designs to create and update responsive B2C marketing content in HTML, SASS, Bootstrap, vanilla JavaScript and Vue within the proprietary framework
- Developed CSS and SVG animations, and interactive web/mobile components based on API calls
- Delivered code that was well-documented, tested, and operable
- Executed scoped technical tasks end-to-end in collaboration with cross-functional employees in responding to client requests
- Independently took ownership over the completion and quality of 3D demos for clients using Three.js and Cypress within the existing framework
- Designed and implemented a website to demo product usage to clients
- Used Bitbucket for version control and shipped code to production using AWS

Meditate Anytime

Freelance UI/UX Designer, Remote

January 2022 – May 2022

- Experimented with colors and patterns to conceptualize a logo, illustrations, and brand identity using Adobe Illustrator
- Redesigned user flow and visual styles for the existing meditation experience with new brand identity in Adobe XD

Purdue Computer Science – CS250

Teaching Assistant, West Lafayette

June 2018 – December 2019

- Facilitated learning for the Computer Architecture course by grading labs, assisting students with their labs, re-teaching concepts, and aiding circuit and assembly code (ARM) debugging
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PROJECTS AND RELEVANT SCHOOL WORK

CS348 Information Systems – [Zest](#)

August 2022 – December 2022

- Developed a recipe and nutrition analysis app using the MERN stack
- Designed the User Interface and User Experience for the app in Adobe XD (for Web) and Figma (for mobile)
- Created a reusable filtered search component, created an interface to save and fetch image files from AWS S3 Buckets, and built frontend and backend for several other user stories following the REST API
- Conducted automated testing for the API using unit tests and the client using Cypress
- Ensured that that client was accessible to people with disabilities (WCAG 2.0)
- Interacted with the *Spoonacular* food and recipe API and database
- Used GitHub for version control and deployed the app on Heroku

- Applied machine learning for analysis and used D3 for visualization
- Facilitated smooth functioning of the team as SCRUM Master by using Trello to manage product backlog and sprint planning

CS354 Operating Systems – Project and Labs

August 2022 – December 2022

- Modified and tested XINU operating system code via projects and labs to understand fundamental principles, design options and structure, interdependencies, abstractions, implementation details and tradeoffs of the OS.

CS407 Software Engineering Senior Project – Indiana Bar Foundation

June 2022 – August 2022

- Collaborated with team members to build scheduling software for high school mock trial competition using React, Flask (Python) and PostgreSQL hosted on Azure.
- Utilized Zoom API to integrate the pre-existing workflow
- Facilitated smooth functioning of the team as SCRUM Master in addition to designing and building the project

CS408 Software Testing – Projects

January 2022 – May 2022

- Created unit test cases for various types of coverage criterions given source code
- Tested FTP server source code using black box testing and Valgrind
- Tested source code for bugs using Static Analysis tools Coverity and FB Infer

LEADERSHIP

Girls Who Code College Loops at Purdue

President and Co-founder

August 2020 – May 2021

- Established the club on campus and supervised weekly meetings
- Recruited 12 new members, and collaborated with MAGIC to establish a mentoring program with schools in the Greater Lafayette area

Delta Mu Kappa – Professional Entrepreneurship Fraternity

Pledge-ship Coordinator

September 2019 – May 2021

- Organized and planned the pledge-ship process and related events for 14 new pledges

Grace Hopper Convention

Awardee/ Attendee

October 2016

- One of twenty students that were awarded a scholarship by the Purdue CS department to attend the conference in Houston

SKILLS

Languages + Tech

Fundamentals

C • C++ • Java • Object Oriented Programming • Python • Flask • NumPy • Linux/Unix • Git • GitHub

Web Development

HTML • CSS • SASS • Bootstrap • JavaScript • React • Vue • Node • Azure • Heroku • AWS • REST

Databases

MongoDB • SQL • MySQL • SQLite • PostgreSQL

Design + Wireframe + Prototype

Adobe Photoshop • Adobe Illustrator • Adobe XD • Adobe Premiere • Adobe After Effects • Figma • Blender • Unity

Transferable

Leadership • Teamwork • Organization • Time-management • Project Management • Communication