

PUJA MITTAL

✉ puja@purdue.edu

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EDUCATION

Purdue University ('19) - *Major in Computer Science, Minor in Dance*

Illinois Math and Science Academy ('15) - *High School Diploma*

WORK EXPERIENCE

macys.com - San Francisco, CA - Tech Intern (Summer 2017)

- Frontend Developer for the e-Commerce platform within the Marketing Domain on the Loyalty Team
- Collaborated with other interns to create a virtual queue for Macy's checkout
- Developed the web interface, a time estimation algorithm, and scripted, filmed, edited demo videos

Research: Using Technology in Dance Movement to Manipulate Stage Lighting (Internet of Things) - Undergraduate Researcher (Spring 2017 - Present)

- Using data taken from movement sensors on dancers' bodies to control lights on stage to create an interactive stage environment
- Developed a system to broadcast data packages from XBee radios through OSC messages on a closed network

Microsoft - Redmond, WA - Explorer Intern (Summer 2016)

- PM: Designed a new UI for MS Feedback with new features and enhanced user experience
- Engineering: Developed a new data schema for feedback to allow more flexibility within the feedback pipeline

Freelance Designer (2012 - Present)

- Specialized in branding, marketing, and web development (see portfolio)

PROGRAMMING

Java
C++
C
HTML & CSS
SQL & PL/SQL
R & Python

MEDIA

Adobe Illustrator
Sketch
Adobe Premiere
Inkscape
iMovie
Audacity

OTHER

Curriculum Development
Event Planning

LANGUAGES

Hindi
Spanish

COURSES

Computer Architecture (Assembly & C)
Data Structures & Algorithms (C++)
Systems Programming (C & C++)
Database & Information Systems (SQL)
Operating Systems (C)
Virtual Reality (Unity & C#)

PROJECTS

Spotilytics - Developer (Boilermake Hackathon Spring 2017)

Static site that builds an analytics profile from a user's Spotify data and listening history that runs almost exclusively through the browser

The Kanban Challenge - Creator & Organizer (Fall 2013, 2014, 2016, 2017)

Team-based event that challenges competitors to complete a given set of tasks in a small timeframe using the Kanban Method

EXTRACURRICULARS

Undergraduate Board for Computer Science (USB)

Board of students in CS whose purpose is to be a voice to the students and develop solutions with Faculty & Staff

CS193 Lecturer

Toolkit course run by USB for freshmen to learn CS concepts not taught in the classroom (Terminal, Git, etc.)

Dance

Bharatanatyam, Hip Hop, Bollywood, Musical Theater, Modern

IMSA eleMENT (past)

(Co-Founder; Curriculum Developer; Mentor; Web Developer)
Entrepreneurship education program that teaches students how to transform an idea into a profitable business