

PUJA MITTAL

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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

Apple - New York, NY - *Software Developer (Summer 2019 to Present)*

- Developer on the platforms team for iTunes Commerce

Satisfi Labs - New York, NY - *SWE Intern (Summer 2018)*

- Re-built part of the NLP in Python using the nltk library which increased accuracy and sped up comprehension

- Automated an in-depth performance analysis on SQL & Sisense for all our clients' bots formerly done on Excel

CS193 - Purdue University - *Lecturer & Curriculum Developer (Fall 2017)*

- Developed curriculum to teach CS skills not taught in the classroom (Git, Bash, CS Resume tips, etc.)

- Lectured for this mandatory, student-run toolkit course to ~ 250 freshmen

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

- Developed frontend components from wireframes for the web interface of Macy's new rewards program

- Collaborated with interns as a developer & videographer to create & pitch a virtual queue for Macy's checkout

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

- Designed a new UI for MS Feedback with new features and enhanced user experience

- Developed a new data schema for feedback to allow more flexibility within the feedback pipeline

Freelance Designer (2012 - 2016)

- Specialized in branding, marketing, and static websites (see portfolio link at the bottom)

PROGRAMMING

Java

SQL

Python

C++

C

HTML/CSS/JS

OTHER TECH

IBM Watson, Google Dialog Flow, Pepper

MEDIA

Adobe Illustrator & Premiere, Sketch, Audacity

OTHER SKILLS

Curriculum Development, Event Planning

RELEVANT COURSEWORK

Database & Information Systems (SQL)

Operating Systems (C)

Data Structures & Algorithms (C++)

Data Mining & Machine Learning (Python)

Systems Programming (C & C++)

Analysis of Algorithms

RESEARCH (COPYRIGHTED)

Bodies as Music: Using Technology in Dance Movement to Manipulate Stage Lighting -

Undergraduate Researcher (Spring 2017 - Present)

- Developed software that uses realtime data taken from movement sensors on dancers' bodies to control industry-standard theater lighting systems to create an interactive stage environment

- Implemented a system to broadcast data packages via WiFi using OSC messages on a closed network

PROJECTS & OTHER INVOLVEMENTS

Dance

(Performance & Choreography) Bharatanatyam, Hip Hop, Bollywood, Musical Theater, Modern

Awear

Apple Watch App designed for children with special needs to assist them with voice volume management

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

SpotiBot

Facebook Messenger chatbot that builds custom playlists based on user input and Spotify listening history

IMSA eleMENT

Co-founded this entrepreneurship education program that teaches students how to transform an idea into an MVP

website: pujamittal.me

portfolio: pujamittal.tumblr.com