Priya Pai
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Education:

Columbia University, Columbia College, New York, NY   May 2020
Bachelor of Arts | **Double Major in Computer Science & English Literature** | GPA: 3.9 | cum laude, English Honors

Skills:

- **Programming/Technical Languages:** Python, R, SQL, Java, HTML/CSS, Javascript (JQuery, React, Socket.io)
- **Technologies:** Tableau, Jupyter, RStudio, Git/Version Control, Jira, SQL Server Management Studio, Google Analytics
- **Honors:** 2019 Adobe Research Women in Technology Scholar, 2018 VIP Women in Technology Scholar, Columbia Dean's List

Relevant Experience:

UChicago Urban Labs Chicago, Illinois (Remote, Contract)   June 2020 – present
Data Research Assistant – Poverty Lab
- Use R to clean large open datasets (tidyverse-dplyr), summarize data characteristics (stargazer, prop tables), and run regressions & statistical tests to model and analyze data (t-tests, z-tests, log regs, linear regs, etc.);
- Current Project: Write R scripts to conduct Quasi-Experimental Study on Chicago nonprofits serving first-gen college students

Columbia University Department of Computer Science   New York, NY
Human-Computer Interaction Research Assistant for Professor Lydia Chilton   Jan 2020 – June 2020
- Co-led Public Interest Technology Summer Lab (June 8-26). Advised cohort of 12 undergraduate and graduate students on technical and analytical research projects (web applications, data-driven reports, data visualizations) on civic technology ideas.
- Developed HCI Design curriculum & content for Summer Lab and pilot Public Interest Technology fall course at Columbia
Teaching Assistant for User Interface Design, an upper-level undergraduate course   Jan 2020 – May 2020
- Taught web design skills (HTML/CSS, JS/JSON/JQuery, Flask) to over 230 students during office hours, online Piazza forum, and in class; helped develop curriculum and grade students' problem sets

American Civil Liberties Union   New York, NY   Sept – Dec 2018, Sept – Dec 2019
Data Science Intern – *Legalytics & Advocacy*
- Cleaned, aggregated, analyzed, and visualized national and state-specific evictions data using R scripts (tidyverse-dplyr, janitor, ggplot2); reported data analysis, trends and overall conclusions in a R Markdown for lawyers to use in upcoming eviction case
- Used Python (Pandas) to make API calls and wrangle 2017-2018 drug arrest data from FBI database; analyzed data to determine trends based on race and gender, broke down data by state trends; data analysis will be used in upcoming drug reform advocacy
- Programmed Python scripts to analyze Civil Rights Data Collection data to understand correlation between disabled students and discipline referrals; collaborated with Disability Rights branch of ACLU
- Wrote and ran SQL queries and R scripts on voter database files; created data visualization models to inform business decisions with mobilizing the public to vote in 2018 Midterm Elections

Adobe San Jose, CA   May 2019 – August 2019
Deep Learning Research Intern – *Creative Intelligence Lab*
- One of 9 undergrads selected nationwide; conducted research with Adobe researchers, Fabian Caba Heilbron and Joon-Young Lee, in deep learning, digital video narratives, and app development
- Developed an iOS app (Objective-C, XCode, etc.) that employed deep learning models and tools (CoreML, OpenCV, MobileNetV2, EmotionNet) to choose high emotion moments given a 5 second live video stream
- Presented research findings about using deep learning models on mobile, creative ways to dynamically build digital video narratives, and the app to Adobe researchers and product teams

HCSS Software Sugar Land, TX   May 2018 – August 2018
Software Development Intern - Telematics Team
- Used LINQ, SQL Server Management Studio, and ASP.NET MVC to create and add Custom Reporting functionality to Telematics website; web feature allows users to customize report filters and combine various equipment and fuel reports
- Collaborated with design team to create new user interface for website's Device Manager feature using HTML/CSS/JS/C#
- Streamlined GPS Device Deactivation/Reactivation process by programming link between clients' SQL databases and Device Manager; feature allows users to independently deactivate devices as opposed to making several support calls and emails

Activities & Leadership:

Web Editor of Columbia Undergraduate Literary Magazine, *Quarto*   Sept. 2016 – May 2020