

## Priya Pai

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### Education:

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**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:

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- **Programming/Technical Languages:** Ruby on Rails, 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:

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**Libro.fm Audiobooks** Remote

Oct 2020 - present

*Software Engineer*

**UChicago Urban Labs** Chicago, Illinois (Remote)

June 2020 – Sept 2020

*Data Research Assistant – Inclusive Economy 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.);
- Wrote 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:

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**Editor of Columbia Undergraduate Literary Magazine, *Quarto***

Sept. 2016 – May 2020

*Staff Editor (16-17), Web & Events Editor (17-18), Editor-in-Chief (18-19), Web Editor (19-20)*