

Tanushri Sundar

510-579-0369 • tanushri_sundar@alumni.brown.edu

EDUCATION

Brown University, *A.B. Computer Science & Cognitive Science*, GPA: 3.87, *Magna Cum Laude*
Mission San Jose High School, *Valedictorian*

Grad. May 2021

Grad. May 2017

OBJECTIVE

Brown University alumnus ('21) with experience in computer science and journalism. In 2021, received the ProPublica Diversity Scholarship and the AAJA x Microsoft Data Visualization Fellowship to study data journalism. Worked in data analytics for Nike and the National Institutes of Health, and performed intensive research for *The Brown Daily Herald*, Brown University's Department of Cognitive, Linguistic, and Psychological Sciences, and nonprofits. **Seeking opportunities at the intersection of tech and journalism.**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, SQL, C, x86 assembly, Golang, MATLAB, R, Bash
Frameworks and Tools: Power BI, Tableau, D3, Google Charts, React, Electron, Git, MySQL, OpenCV

WORK EXPERIENCE

Asian American Journalists Association x Microsoft, *Data Visualization Fellow* Aug. 2021 – Present

- Visualizing Asian-American population growth and migration from 2000-2020 Census data with Power BI
- Will present preliminary findings at the 2021 Asian American Journalists Association National Convention

Community Action Partnership of Providence, *Action Researcher* Aug. 2020 – Sep. 2020

- Conducted qualitative research (interviews) on the impact of COVID-19 on childcare programs in Rhode Island
- Developed a 5-page research report and posterboard visualization to be displayed at the RI State House

Nike, *Global Technology Intern* June 2020 – Aug. 2020

- Data and Analytics Intern in Solution Architecture group
- Focused on Business Intelligence tools, dashboarding, data visualization, and reporting
- Worked with Microsoft Power BI, Tableau, IBM Cognos, ThoughtSpot, MySQL

Fogarty International Center at the National Institutes of Health, *Data Science Intern* June 2019 – Aug. 2019

- Created spatiotemporal visualizations of avian influenza patterns with R
- Cleaned and organized large datasets (>200 GB) with AWK, Python, and R
- Built phylogenetic trees with Bayesian Evolutionary Analysis Sampling Trees software
- Animated 3 swine influenza spread patterns with Adobe After Effects, Illustrator, InDesign, and Photoshop

RESEARCH AND TEACHING

Brown University Psychology, *Research Assistant* Nov. 2020 – Present

- Preparing an empirical paper on power and social perception for The 23rd Sydney Symposium on Social Psychology
- Programmed survey with Qualtrics; performed statistical analysis with JASP and bootstrapping with Python

Brown University Laboratory of Neural Computation and Cognition, *Research Assistant* Nov. 2020 – Apr. 2021

- Used JavaScript, React, and Electron to program an experimental task used to investigate rumination

Brown University Computer Science & Cognitive Science, *Teaching Assistant* Sep. 2018 – May 2021

- Undergraduate TA for CLPS0750: The Psychology and Philosophy of Happiness (Spring 2021)
- Undergraduate TA for CSCI0111: Computing Foundations: Data (Fall 2020)
- Undergraduate TA for CLPS1960: Senior Seminar in Behavioral Decision Sciences (Fall 2020)
- Undergraduate TA for CSCI0160: Introduction to Data Structures and Algorithms (Spring 2020)
- Undergraduate TA for TAPS1281W: Artists and Scientists as Partners (Fall 2018)

The Brown Daily Herald, *Science and Research Staff Writer* Sep. 2017 – May 2018

- Wrote bi-weekly articles about University science research

AWARDS AND FUNDING

The Kling Premium in Psychology Apr. 2021

- Recognized for outstanding service as a teaching assistant by Brown University

ProPublica Diversity Scholar Mar. 2021

- Recognized for journalism work and received funding to study computational journalism and data visualization

Research at Brown Grant Recipient Nov. 2020

- Funding from the Department of Cognitive, Linguistic, and Psychological Sciences

Linking Internships and Knowledge Award May. 2019

- Funding to pursue a data science internship at Fogarty International Center at the National Institutes of Health

Brown International Scholarship Committee Fellow Apr. 2019

- Funding to teach a self-designed public speaking seminar to ESL high-school students in two Japanese cities