

AVNI PRASAD

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EDUCATION

University of California, Berkeley

August 2017 - May 2021

Intended Majors: Computer Science, Psychology

Intended Minor: Journalism

GPA: 4.0

Relevant Coursework: Foundations of Data Science (received A+), The Structure and Interpretation of Computer Programs (received A+)

SKILLS

Programming Languages | Python, Java, HTML, CSS, Scheme, SQL

Software | Adobe InDesign, Photoshop, Final Cut Pro, Git, Google Analytics, [Wordpress](#)

EXPERIENCE

The Daily Californian

August 2017 - Present

Interactive Reporter and [Projects Developer](#)

- Create interactive data visualizing web applications that addressed campus and city-wide issues and events
- Scrape and parse data from online sources using Python, with design and implementation done through Adobe Illustrator, JavaScript, and d3

Berkeley Forum

August 2017 - Present

Tech and Data Analytics Team

- Hosts debates, panels, and talks by leading experts from a wide variety of fields
- Building a new website through Django and examining audience through data analytics

Monta Vista El Estoque

August 2014 - June 2017

Editor in Chief, NSPA Pacemaker Finalist

- Managed a staff of 60 student journalists that produced a monthly 40-page magazine, a weekly multimedia package, and daily content on [website](#)

Northwestern Journalism Institute

June 2016 - August 2016

Tech Captain

- Highly selective five-week residency teaching on cutting-edge journalism
- Guided team of 10 to create interactive multimedia for [2016 Medill Cherubs website](#)

PROJECTS

Bear Maps

September 2017

- Programmed the back-end of a web mapping application of Berkeley, CA that supported features such as image rastering at different zoom levels, autocomplete location search, and route mapping

Gender Analysis of English Syllabi

August 2017 - Present

- Examining if Berkeley challenges white, male orthodoxy in literature
- Scraped and parsed data from past years on books assigned, using APIs to collect information on books to perform analysis

Scheme Interpreter

November 2017

- Developed an interpreter for functional programming features of Scheme using Python
- Included lexical scoping, dynamic scoping, and tail recursion

OTHER

Rediscovering Text as Data

August 2017 - December 2017

[Favorite class](#) combining Literature and Data Science

- Explores Natural Processing Language and computational method employed in Digital Humanities by integrating programming, statistical concepts, and data visualization
- Understanding text through methods like classification, stylometry, topic modeling, etc.