JESS ENG

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EXPERIENCE

THE WASHINGTON POST

News Engineering Intern (Summer 2020)

- Develop a precinct level prediction model to improve predictions for the 2020 general election model using Python
- Scrape, clean, and query data sources for election data
- Fix data and design bugs on The Washington Post Live Elections Results Page for the 2020 Primaries and General Election

ESPN - WALT DISNEY COMPANY

Software Engineering Intern (Summer 2019)

- Spearheaded component implementation (Article page, Ad Configs) for ESPN - ABC Article Redesign
- Developed and refashioned high-traffic ESPN features (header scoreboard and player cards) in React
- Addressed improvements to ESPN's content management system (CMS) Feed Manager for journalists

HARVARD COMPUTER SCIENCE DEPARTMENT

Teaching Fellow (September 2018 — December 2019)

- Lead 20 person sections for CS50 (Introduction to Computer Science) and CS 171 (Data Visualization)
- Work with Visual Computing Group on class office hours, online question sessions, and grading tools

HIDDEN SWITCH

Game Developer Intern (Jan 2018 — June 2018)

- Designed a web scraper to obtain the most popular custom Hearthstone cards online (15,000+ cards)
- Developed first unit tests in Java for custom Hearthstone cards created by daily active users

PROJECTS

THE BECHDEL TEST

CS 171: Visualization Runner-Up for Best Projects Fall 2018, visualizing gender representation in film, built with D3.js

WTF IS CDA

An interactive explainer about the Communications Decency Act, Section 230

SHOOT YOUR THREE POINT SHOT

Analyzing trends in the NCAA 3-point shooting from 2003 to 2019 using linear and mixed models

EDUCATION

HARVARD UNIVERSITY

A.B. with a Double Major in Statistics and Folklore and Mythology, Minor in Computer Science. Graduating 2021, GPA 3.76

Relevant Coursework: Linear Algebra, Data Visualization, Probability Theory & Statistical Inference, Discrete Mathematics, Data Science, Generalized Linear Models

Leadership ~ Harvard Radcliffe Modern Dance Company, WHRB 95.3 FM, Food Literacy Project

SKILLS

TECHNICAL & DESIGN

- JavaScript, React, D3.js, HTML, CSS, R, Python, C, Git
- Photoshop, Illustrator, Adobe XD, Audition, Audacity

INTERESTS

Podcasting, Boba, Cooking Ancient Recipes, Math Rock, Photography, Teaching, Wes Anderson, Baseball

RECOGNITION

FELLOWSHIPS

- Assembly Student Fellow (Berkman Klein Center)
- Undergraduate Technology Innovation Fellow (Harvard Business School)

AWARDS

- Bok Certificate of Distinction in Teaching Fall 2019
- 1st place in ESPN Pitch Competition out of 19 teams