Angie Kim

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EDUCATION

Brown University, *B.Sc. Applied Mathematics–Computer Science*　　　　　September 2016 – May 2020 (expected)
- GPA: 3.43/4.00; SAT: 2360 (Math 800, Reading 800, Writing 760); SAT Math II: 800
- Distinctions: Engaged Scholar, April 2018 – Present; Bonner Community Fellow, August 2016 – December 2017
- Coursework in object-oriented and functional programming, machine learning, statistics, differential equations, information theory, mathematical microeconomics, and environmental policy

LANGUAGES & SKILLS

Working proficiency: Python (keras, TensorFlow, pandas), Java, Scala, MATLAB, Racket, SQL, R, HTML/CSS
Basic familiarity: JavaScript, jQuery, React, PHP

PROJECTS

- **FusionDB (in progress):** A gene fusion literature database that uses natural language processing techniques for the automatic curation of newly published papers (Python, SQL, HTML/CSS, PHP; summer 2018)
- **GUIzilla:** A two-component project featuring a GUI-based web browser and a dynamic web server that could interact with each other (JavaFX, Scala; CSCI 0180, Spring 2018)
- **Today's the Day:** A new tab override Chrome extension to display events of the day using the Google Calendar API (JavaScript/jQuery; Hack@Brown 2018)

TECHNICAL EXPERIENCE

Rhode Island Hospital, *Bioinformatics Intern*　　　　　　　　　　Providence, RI | June 2018 – August 2018
- Developed online gene fusion literature database, including neural network, data processing, databases, and front end
- Engineered continuously running data pipeline for classification of genes and corresponding fusion pairs in paper abstracts
- Acquired understanding of academic paper and corresponding code to adapt its neural network architecture for project use
- Conducted literature review on natural language processing techniques to gain working expertise within 2 weeks

Brown University Climate and Development Lab, *Research Assistant*　　　Providence, RI | May 2018 – Present
- Analyze the role of bots in climate change discourse on Twitter in a team of graduate students and professors
- Scripted analysis of the tweet history of known climate change deniers to collect common vocabulary within the community
- Effectively communicate complex technical concepts to bridge gaps in understanding among team members

Brown University Department of Computer Science, *Teaching Assistant*　　Providence, RI | November 2017 – May 2018
- Assisted and instructed 100 students as TA for CSCI 0040: Introduction to Scientific Computing and Problem Solving
- Designed and created support code for project to teach students about data science using sklearn and Jupyter Notebooks
- Worked one-on-one with professor to mitigate student concerns and confusion during critical period of a difficult project

LEADERSHIP EXPERIENCE

Brown Political Review, *Senior Managing Editor*　　　　　　　　　　Providence, RI | August 2016 – Present
- Progressed from Associate Editor to Senior Managing Editor to lead BPR's 16-person Editorial Board, the body responsible for the quarterly magazine's editorial direction
- Reconcile and incorporate interests of members across the 150-person organization to oversee smooth publication process
- Extensively edit content, direction, and style of up to 40 articles per semester for print and online publication
- Diversified content length to maintain editorial quality through art director's push to shorten articles for design needs

Computer Science for Social Change, *Internal Partnerships Coordinator*　　Providence, RI | April 2018 – Present
- Collaborate with team of officers to oversee the operation and strategic direction for CSSC, a new departmental initiative
- Plan and execute events and projects at the intersection of tech and social impact, such as an internship database
- Build relationships with staff and students to increase CSSC's reach and form partnerships for events and marketing

Brown University Admissions Office, *Mentor Tour Guide*　　　　　　Providence, RI | February 2017 – Present
- Train 2 new guides per semester to deliver tours with professionalism, clarity, and well-informed knowledge about Brown
- Manage different audience levels by tailoring content and delivery for parents, prospective students, and counselors

INTERESTS

Food journalism, long-distance running, crossword puzzles, environmental justice advocacy, podcasts