

# ARUN RAMAMURTHY

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UC Berkeley – May 2019 | GPA: 3.63

Statistics, B.A. | Computer Science, B.A.

Machine Learning • Artificial Intelligence • Fourier Analysis •

Nonparametric Methods • Database Systems • Data Computing

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## SKILLS

R



Statistical Models



Python



Machine Learning



SQL



Signal Processing



## WORK EXPERIENCE

### Data Scientist, Environmental Progress

Berkeley, California — May 2017 - Current

Collects, analyzes, and visualizes data for research and publication across all current research projects to inform and further develop energy policy.

- My research findings on the role of energy policy and clean energy technologies in climate mitigation were covered by Eduardo Porter in the November 7, 2017 issue of *The New York Times*
- Served as second author on my organization's report on deep decarbonization, based on my model of the differing effects of wind, solar, hydro, and nuclear power deployment on progress towards decarbonization in 68 nations over 51 years

### System Administrator, HedgeSPA

Singapore, Singapore — May 2016 - August 2016

Designed, implemented, and configured mail and file sharing servers with specialized features for a financial technology company to handle sensitive client data.

- Crafted a mail server accessible only via proxy using iRedMail, with IMAP support, a webmail interface, white/blacklists, unlimited file upload size, and unlimited mailboxes and domains
- Crafted a specialized file sharing server for sensitive financial data, which uses SFTP and RSA-keys, as well as proxy-only access, to securely share files between HedgeSPA employees and clients

## LEADERSHIP EXPERIENCE

### President, Statistics Undergraduate Student Association

Berkeley, California — August 2015 - Current

Leads 116 undergraduates in six distinct committees, presiding over all club events, consulting projects, and client relations.

- Founded an online journal for independent student research in applied statistics, machine learning, and industry trends
- Rebranded and marketed a reformed iteration of the student organization, growing membership from 67 to 116 students
- Served as Data Consulting director for one year, leading 12 to 18 committee members in a total of 5 consulting projects

## INTERESTS

Lead Guitar • Modern Film • Card Counting • Domestic India Pale Ale • *Bojack Horseman* and *The Office* • Alternative Rock