

# Ravi M. Soni

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## EDUCATION

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### University of California, Berkeley

Class of 2017

B.A., Applied Mathematics (Economics Concentration)

*Activities:* Asha for Education, Berkeley, Social Chair

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## EXPERIENCE

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### Ping Inc. Berkeley, CA

February 2017 – Current

*Data Science Intern*

- Design machine learning algorithms (classification) to add new features to the product
- Analyze large data sets (using Python's Data Science Stack) to provide insight to partners of the company
- Clean public datasets and extract information to drive product marketing initiatives
- Develop data model to enhance data acquisition and analytical capabilities of the product

### HP Inc. Houston, TX & Palo Alto, CA

May 2016 – Current

*Product Management Intern (Commercial Mobility & Premium Notebooks)*

- Conducted and presented competitive analysis, pricing analysis, volume estimates, financial model, and historical analysis to level three executives for new product
- Analyze qualitative and quantitative research to stay on top of trends, form factor changes, infection points and customer needs
- Participate in early planning activities, including, forecasting of financials, feature trade off discussions, and new opportunities

### LegalForce RAPC (Startup) Mountain View, CA

January 2013 – February 2016

*Senior Legal Assistant and Business Development*

- Analyzed sales and AdWords data to drive changes in advertising strategy resulting in an overall increase in revenue per client
  - Streamlined end-to-end processes for managing international work-streams, which ultimately resulted in a 20% increase in client retention
  - Hired, trained, and managed all new legal assistants
  - Continuously refined standard operating procedures to address scalability issues
  - Managed trademark applications and registrations through the USPTO and WIPO
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## RELEVANT COURSEWORK

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|---|-------------|
| • <b>Statistics 140</b> – Probability for Data Science                    | Spring 2017 |
| • <b>Computer Science 100</b> – Principles and Techniques of Data Science | Spring 2017 |
| • <b>Civil Engineering 88</b> – Data Science for Smart Cities             | Fall 2016   |
| • <b>Statistics 198</b> – Data Science with Kaggle                        | Fall 2016   |
| • <b>Computer Science 88</b> – Computational Structures in Data Science   | Spring 2016 |
| • <b>Data 8</b> – Foundations of Data Science                             | Spring 2016 |
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## ADDITIONAL INFORMATION

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- Experience working with Python (numpy, scipy, pandas, scikit-learn, TensorFlow, etc.), R, and SQL
- Proficient in Excel, Word, PowerPoint, Illustrator, and Photoshop
- Non-data related interests include rock climbing, backpacking, working on cars, drawing political cartoons and trying new foods