Addison Hu

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Education

2013–present   **Yale University**, *New Haven, CT*.
- Bachelor of Science, Statistics; Expected Graduation May 2017; Cumulative GPA: 3.89
- My current interests include computationally efficient methods working with (optimizing over, sketching) large-scale data sets.

Experience

2016–2017   **Research Assistant**, *Yale Statistics*, New Haven, CT.
- Implementing approximations to second-order optimization algorithms (e.g., sketched Newton) in distributed settings

Summer 2016   **Data Scientist**, *OnCorps*, Cambridge, MA.
- Authored internal R library to rapidly and faithfully visualize classification trees via D3.js, with integration into core products and services
- Built pipelines for data aggregation, cleanup, and analysis in R and Python
- Developed and maintained internal and client-facing dashboards in R Shiny to monitor product engagement rates and outcomes

2015–2016   **Research Assistant**, *Yale Institute for Network Science*, New Haven, CT.
- Wrote pruning and local clustering algorithms based on novel research (C++)
- Data cleanup and analysis in R and Python

2015–present   **Teaching Assistant**, *Yale Department of Computer Science*, New Haven, CT.
- Serving in a teaching and grading role for 'Computational Tools for Data Science', covering optimization, dimensionality reduction, clustering, dictionary learning, matrix factorization, large-scale data, etc., with applications in Python and Spark.
- Provided supplementary instruction for 'Introduction to Information Systems', taught in R and Python

2014–2016   **Senior Coordinator**, *Yale Information Technology Services*, New Haven, CT.
- Oversaw hardware repair services provided to undergraduate and graduate students
- Managed and mentored several technicians as an Apple-certified hardware specialist

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Technical skills

Proficient   R, Python, Spark (Scala), Linux, C
Basic   LaTeX, Git, MongoDB, SQL

Personal interests

Film photography, skateboarding, cooking