

# Kevin Lui

kevinlui.org

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## EDUCATION

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- **University of Washington** Seattle, WA  
*Ph.D. in Mathematics* *Sep. 2014 – Jun. 2019 (expected)*
- **University of California, Santa Barbara** Santa Barbara, CA  
*Bachelors in Mathematics* *Sep. 2010 – Jun. 2014*

## EXPERIENCE

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- **University of Washington** Seattle, WA  
*Researcher* *Sep. 2014 - Present*
  - **Thesis:** Explain research
  - **Isogeny class:** explain class
  - **Totally split Jacobians:** explain totally split
- **University of Washington** Seattle, WA  
*Teaching Assistant* *Sep. 2014 - Present*
  - **Linear algebra instructor:** ran own course
  - **Graduate Mentor:** wxml
  - **Teaching Assistant:** was teaching assistant
  - **Grader:** Graded upper div
- **Sagemath** Online  
*Developer* *Jun. 2016 - Present*
  - **google summer of code:** was teaching assistant

## PROJECTS

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- **Sage: Orders:** Open source python library for financial data analysis and machine learning for finance.
- **Github Visualization:** Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System:** Music and Movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup:** Book that gives step by step instructions on setting up developer environment on Mac OS.

## PROGRAMMING SKILLS

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- **Languages:** Python, Sage, Latex, Bash **Technologies:** Linux, PostgreSQL, Git