

# PHI NGUYEN

Phi.nguyen@outlook.com  
www.linkedin.com/in/phinguyen44 | www.phinguyen.me  
+491782327725

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## EDUCATION

### Humboldt Universität zu Berlin

*October 2016 – July 2019 | Berlin, Germany*

M.S. Statistics [Specialization in Applied Microeconometrics and Quantitative Research]

### UC Berkeley

*August 2009 – May 2013 | Berkeley, CA*

B.A. Operations Research and Management Science

3.86 GPA [Honors with Distinction]

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## PROFESSIONAL EXPERIENCE

### Mercator Research Institute on Global Commons and Climate Change

*Visiting Researcher | November 2018 – Present | Berlin, Germany*

- Estimated the cost of congestion and an optimal congestion charge in Berlin with a supply and demand framework.
- Proposed a congestion charge of 20-47 cents / kilometer driven, corresponding to a welfare gain of 0.2-0.5% of total travel time.

### Priori Data

*Data Scientist, Working Student | November 2017 – October 2018 | Berlin, Germany*

- Developed and maintained machine learning models to estimate app revenue, app stickiness, and record linkage between apps across different app stores.
- Used `docopt` package in R, Python, and Airflow to schedule pre-processing, model fitting, and loading model estimates into Google BigQuery.

### Growney

*Data Scientist, Working Student | January – October 2017 | Berlin, Germany*

- Used Monte Carlo methods on historical returns to simulate forecasts of portfolio performances with different asset allocation strategies.
- Developed an R Shiny application to calculate historical performance of growney portfolios. Used RSelenium to automate download of historical asset returns.

### Intuit

*Senior Data Analyst | August 2013 – February 2016 | Mountain View, CA*

- Using Adobe SiteCatalyst, SQL, and Tableau, managed web analytics for Quickbooks.com, including page flow analysis, funnel analysis, and acquisition.
  - Using SiteSpect, SQL, and R, drove 20+ A/B testing experiments ranging from page optimization, pricing changes, and lineup presentation to improve Web/SEO funnel.
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## SKILLS & INTERESTS

### Technical Skills

DATA SCIENCE, STATISTICS, ECONOMETRICS: R, SQL, Python [basic]

VISUALIZATION: ggplot2, R Shiny, Tableau, D3.js [basic], QGIS [basic]

OTHER: Git, Markdown, Excel, LaTeX [intermediate], command line [intermediate]

### Languages

English [native], German [C1], Vietnamese [basic]

### Interests

Rock climbing, visual storytelling & data viz, sports analytics, urbanism, film

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