

PHI NGUYEN

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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

3.86/4.00 GPA [Honors with Distinction]

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.
- Used DBSCAN clustering on over 32 million trips to group similar trips, and solved identification challenges using an instrumental variable approach.

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: R, SQL, Python [basic]

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

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

Languages

English [native], German [C2], Vietnamese [intermediate]

Interests

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