

PHI NGUYEN

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EDUCATION

Humboldt Universität zu Berlin
October 2016 – July 2019 | Berlin, Germany
M.S. Statistics

UC Berkeley
August 2009 – May 2013 | Berkeley, CA
B.A. Operations Research and Management Science
3.86 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.
- Proposed a congestion charge of 20-47 cents / kilometer, 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

- Using R, developed and maintained machine learning models to estimate app revenue, app stickiness, daily active users, 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 (intermediate)
VISUALIZATION: ggplot, R Shiny, Tableau, D3.js (basic), QGIS (basic)
OTHER: Git, Excel, LaTeX, Markdown, command line (intermediate), Adobe SiteCatalyst

Languages

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

Interests

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