

# Aeint Thet Ngon

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## Education

**Georgetown University**- Washington, D.C. May 2018  
*Masters of Science in Analytics Concentration in Data Science*

**Cornell College**- Mount Vernon, IA May 2016  
*Bachelor of Arts in Economics and Business, and Mathematics*

## Relevant Experience

**Research Assistant, University of Iowa** Jun 2016-Aug 2016

- Used R to analyze Healthcare Cost and Utilization Project (HCUP) data with 1.5 billion observations
- Identified delayed diagnosis of pulmonary embolism and common variable immune deficiency and predicted the likelihood of it using logistic regression
- Used logistic regression to identify disease more common in the patients for specific diseases
- Used association rules to predict delayed misdiagnosis

**Peer Consultant, Quantitative Reasoning Studio, Cornell College** Sept 2014-May 2016

- Coached students with all types of mathematical and statistical needs
- Collaborated with faculty to deliver statistics software training (R, Stata, Excel, Tableau)
- Lead trainings to train students and other peer consultants on Tableau and Excel

## Relevant Projects:

**Forecasting Energy Emission-Using Support Vector Machine** Dec 2016

- Predicted the energy production with root mean square error of 19%

**Sentiment and Stock Analysis-Using Linear Regression and Natural Language Processing** Dec 2016

- Explored trends of different industries during the 2008 Financial Crisis and how media reacted to the event

**Amazon Review Data Analysis- Using Spark and Naïve Bayes and 5.3GB of data** Apr 2017

- Predicted the rating based on review text with 78% accuracy rate

## Current Experience:

**Student Technology Consultant, Georgetown University** Oct 2016- Present

- Provide campus-wide technological assistance
- Coordinate with staff members on completion of assignments in a timely manner

## Skills

- Programming Languages: Python, R, Java
- Massive Data Tools: MySQL, Spark, Amazon Web Services, MapReduce, Hadoop
- Proficient with Tableau, Git, Stata and LaTeX

## Leadership Experience

**Resident Assistant, Residence Life Office, Cornell College** Sept 2014-May 2016

- Served as a resource to 27 residents through regular communication and enforcement of college policies
- Developed a community by organizing floor-wide events and creating appreciation for diversity

## Scholastic Awards

- *magna cum laude* (GPA 3.73)
- Charles M. Cochran Economic and Business Award (awarded to top 1% based on major GPA)
- Edhill Mathematics Scholar Award (awarded for representing Cornell College at national mathematical competitions)
- Omicron Delta Epsilon (Economic Honor Society) Apr 2014- May 2015