Benjamin Tran Dinh

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Engineer, data scientist, operations researcher. I model and optimize complex problems in data-driven environments. Passionate about decision analysis, machine learning, and product design.

Education

2014 – 2015 **IEOR graduate student at UC Berkeley – California, USA**
Specialized in Operations Research (GPA 3.92/4)
 PhD level courses in Optimization, Graph Theory, Machine Learning, etc.

2011 – 2015 **Industrial Engineering MSc at École des Ponts ParisTech – Paris, France**
Specialized in Industrial Engineering (GPA 3.88/4)
Courses in Statistics, Computer Science, Operations Research, etc.
Worked in team projects in the fields of Design, Innovation and Operations Research

2009 – 2011 **Classe Préparatoire aux Grandes Écoles – Paris region, France**
Intensive university-level program to prepare for the competitive entrance exams to the top engineering schools in France
Acquired strong knowledge in mathematics, physics and computer science

Work Experience

**2015
Present** **Software Engineer at Vehicule Data Science Corp – Oakland, CA**
Built and scaled scale self-driving car mapping technology
Implemented spatial statistics model for behavior-based insurance scoring

**2014
6 months** **Executive Assistant to CEO at My Impact Education GmbH – Berlin, Germany**
Supported the product development with data-driven insights
Analyzed traffic data in a web-based startup venture
Assisted the fundraising process and monitored the product launch

**2013
6 months** **Supply Chain Analyst at Louis Vuitton – Paris, France**
Optimized the stock coverage for the Watches unit
Successfully implemented a new distribution tool
Enforced new policies as the main contact of all the logistic zones

**2012
6 months** **Student Consultant at Argon Consulting – Paris region, France**
Designed a database and built a linear program to optimize the employee scheduling in manufacturing workshops for Louis Vuitton in a group of 5 people
Performed sensitivity and stability analysis for the model

**2012
3 months** **Intern Researcher at Imperial College – London, UK**
Compared thermodynamic performances of different heating systems
Statistically analyzed data bases with R

Languages

French   native
English fluent - TOEIC 990/990
German   intermediate

Informatics Competences

Software & Web   Google Analytics, QGIS
Computation   Matlab, Maple, R
Programming   Python, C++

Interests

Competed in swimming, climbing and volleyball. I was an active member of the Sports Union and President of the DJ Club at ENPC. I produce electronic music. I traveled to Vietnam, Egypt, Togo and most of Europe.