YUNTAO LI

Résumé

📞 +31 636456273   ✉ yuntao@kth.se   📍 Stockholm, Sweden

OBJECTIVE

I am a second year Data Science Master student at KTH Royal Institute of Technology with an interest in Data analysis and Machine Learning. My eventual goal is to pursue a PhD in Computer Science specializing in Natural Language Processing. I enjoy working on interesting problems and always look forward to collaborations.

EDUCATION

Msc. Distributed Systems and Data Mining for Big Data

KTH Royal Institute of Technology

📅 Sept 2018 – Present   📍 Stockholm, Sweden

Msc. Data Science

Eindhoven University of Technology

📅 Sept 2017 – Aug 2018   📍 Eindhoven, Netherlands

B.S. Software Science Engineering

Eindhoven University of Technology

📅 Sept 2014 – Aug 2017   📍 Eindhoven, Netherlands

RELEVANT COURSES

- Algorithms
- Artificial Intelligence
- Automata and Process Theory
- Calculus
- Computer Graphics and Visual Computing
- Computer Networks and Security
- Computer Systems
- Data Engineering
- Data Structures
- Declarative Programming
- Discrete Mathematics
- Web Information Retrieval and Data Mining
- Human Technology Interaction
- Interactive Intelligent Systems
- Linear Algebra
- Logic and Set Theory
- Object Oriented Programming (Java)
- Data Mining and Machine Learning
- Probability and Applied Statistics
- Programming Methods
- Web Technology

ACHIEVEMENTS

🏆 **EIT Digital Scholarship - Excellence nomination**
of EIT Digital

🏆 **Merit Student Scholarship**
of Macao Polytechnic Institute

🏆 **Honor Academy student**
of Eindhoven University of Technology

LANGUAGES

Chinese   ●●●●●

English   ●●●●○

Portuguese   ●●●○○

COMPUTER SKILLS

Java   Python   C/C++   R   OpenGL
HTML   CSS   JavaScript   JQuery
SQL   LaTex   Hadoop   SAS

Microsoft Office   Rapid Miner   Disco
KNIME   Node.js   Git   CPN Tools

REFEREES

Prof.dr.ir. J.J. (Jack) van Wijk
@ j.j.v.wijk@tue.nl
✉ Technische Universiteit Eindhoven, P.O. Box 513, 5600 MB EINDHOVEN

Dr. R.M. (Rui) Pires da Silva Castro

@ r.m.pires.da.silva.castro@tue.nl
✉ Technische Universiteit Eindhoven, P.O. Box 513, 5600 MB EINDHOVEN

Dr.ir. T. (Tom) Verhoeff

@ t.verhoeff@tue.nl
✉ Technische Universiteit Eindhoven, P.O. Box 513, 5600 MB EINDHOVEN

EXPERIENCE

UWV (Dutch Employee Insurance Agency)
Honor Academy (Year 2)
📅 Sept 2016 – July 2017   📍 Eindhoven, Netherlands

The research project focused on improving the customer experience based on analyzing a heterogeneous dataset offered by the Employee Insurance Agency (UWV).
link: https://www.win.tue.nl/bpi/doku.php?id=2017:challenge
- Applied process mining to find frequency of recurring patterns by using Disco tool.
- Applied K-means algorithm to cluster the data.
- Built a training set of behavior data, and used Machine Learning to generate the predictions on user's behavior.

Innovative Invoice Management System
PharmIT
📅 May 2016 – Oct 2016   📍 Eindhoven, Netherlands

The aim of the project is to develop an intelligent management system that can gather invoice data generated by different management systems and subdivide the data into different clusters to perform corresponding calculations.
Project Manager: E.Hermkens, email: edwin@phramit.nl, address: PHARMIT B.V. Horsten 1, 5612AZ Eindhoven.
- Used a decision-tree to pre-process the data.
- Implemented an internal database.
- Used Technology: Python, SQL, flask

"Leave Your Words"
Personal
📅 Dec 2015 – Jan 2016   📍 Eindhoven, Netherlands

Designed a web app for people to express and track their views freely.
link: http://leaveyourwords.herokuapp.com/
- Implemented node.js backend using express framework.
- Implemented front-end in Jade.
- Implemented MongoDB database and API.

Blue Mango Big Data Analysis Project
Honor Academy (Year 1) & Blue Mango
📅 Sept 2015 – May 2016   📍 Eindhoven, Netherlands

Worked on building a high accuracy interactive online-advertisement impression measure model for Blue Mango.
- Designed a linear regression evaluation model for analyzing the impression of ad-clicking.
- Built a heatmap to measure the clicks.
- Achieved a high accuracy feedback.

GRADES

The grades can be found in my transcript. A official Dutch grading scale to the U.S. standard can be found in:
https://www.epnuffic.nl/en/publications/find-a-publication/grading-systems-in-the-netherlands-the-united-states-and-the-united-kingdom.pdf

EXTRACURRICULAR ACTIVITIES

Honors Academy
Eindhoven University of Technology
📅 Sept 2015 – July 2017   📍 Eindhoven, Netherlands

Accepted into the prestigious Honors Academy of TU/e to work on extra-curricular research projects.
- Research projects worked on as part of Honors Academy listed in the experience section.
- Greatly benefited my soft skills: leadership, presentations and engaging in fruitful brainstorming sessions.

Python/Web developer
PharmIT
📅 Apr 2016 – Dec 2016   📍 Eindhoven, Netherlands

Working in PHARMIT B.V. as a Python/Web developer.
- The project worked on as part of PharmIT listed in the experience section.
- Learned a lot about business processes in IT industry.

STRENGTHS

Communicative   Fast-learner
Strategic Thinking

Application Development
Data Analysis

HOBBIES

- History
- Photography
- Reading
- Traveling
- Fishing