Hang Yuan

Personal site: http://angerhang.github.io
hy1@andrew.cmu.edu | +1 412 537 2512 | 5000 Forbes Ave, Pittsburgh, PA 15213

EDUCATION

CARNEGIE MELLON UNIVERSITY
Exchange at School of Computer Science
Fall | Pittsburgh, USA

JACOBS UNIVERSITY
Bachelor in Computer Science
Aug 2014 - June 2017 | Bremen, Germany

VALLEY CHRISTIAN HS
2012 - 2014 | Los Angeles, USA

COURSEWORK

SCHOOL COURSES
Software Engineering and its Lab
Computer Vision
Programming in Java
Programming in C++
Computability and Complexity
Formal Language and Logic
Computer Architecture
Linear Algebra
Applied Differential Equations
Decision Making

OPEN COURSES (MOOCS)
Stanford:
Machine Learning (ML)

University of Washington:
ML Foundations
ML Regressions
ML Classification

SKILLS

PROGRAMMING
Comfortable
Java • C/C++ • R • Python • LaTeX
Basic
Matlab • SML • Emacs • Shell • iOS

LANGUAGES
Chinese (native) • English (fluent)
German (basic) • Spanish (basic)

HOBBIES

Clarinet 10 years
• Bremer Orchester Gemeinschaft 2015
Tennis 10 years
• High School Tennis Varsity
• Most Inspirational Player (School wide) 2014

EXPERIENCE

KPMG Data Observatory, Imperial College | Research Intern
June 2016 – Present | London, The United Kingdom
- Created visualizations about London city crime and transport to the local governors on the 64 HD screens panoramic observatory in C#.
- Simulated large-scale 3D models, including oil flow in Saudi Arabia and atom collision in a nuclear power plant in a distributed fashion using Unity.

KWARC Research Group | Research Assistant under prof. Michael Kohlhase
Dec 2014 - Present | Bremen, Germany
- Developed Semantic TeX (sTeX) LaTeXML plugin which transfers sTeX to OMDoc in perl.
- Contributed to the mixing the Module Mathematical Theories and sTeX as surface languages (publication on CICM will soon become available).

Jacobs University | Research Assistant under prof. Adalbert F.X. Wilhelm
Sep 2015 - May 2016 | Bremen, Germany
- Benchmarked distributed computing frameworks such as Spark and Hadoop.
- Held weekly tutorials on statistics and compiled a tutorial series on R.

AWARDS AND FUNDINGS

Second Place top 10% OpenBank Hackathon
Jul 2016 | Google London Campus, The United Kingdom
- Bytebit: selling Wifi using Bitcoins via micro-transactions in real time and got invited to pitch at London FinTech week's innovator panel.

Wiki Data Prize HPI Machine Learning and Data Analytics Hackathon
Jun 2016 | Berlin, Germany
- ShowcaseData: created a data quality metric model for Wiki Data's open source databases and infographics about how the community data quality evolved.

ERASMUS+ Traineeship
Jun 2016 | Bremen, Germany
- 450 euros per month for my internship in the UK.

Promos Scholar
Jun 2016 | Bremen, Germany
- 1900 euros for the exchange semester at Carnegie Mellon University.

Global Jacobs Startup Competition top 10/130+ 8%
Mar 2015 | Bremen, Germany
- Developed an application called MyNow for the competition. MyNow is a time management and social network app that allows users to track their time and interact with their friends. (on Apple Apps Store)

Jacobs University Entrance Scholarship
Sep 2014 | Bremen, Germany
- Merit-based scholarship for academic excellence that last for three years

Daniel Award for International Student Leadership 1/100+ top 1%
Apr 2014 | Los Angeles, USA
- One international students was selected for demonstration of leadership.