

EDUCATION

CARNEGIE MELLON UNIVERSITY
EXCHANGE AT SCHOOL OF COMPUTER
SCIENCE
Fall 2016 | 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

Computer Vision
Software Engineering
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
Matlab • Java • C/C++ • R • \LaTeX
Basic
Python • 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

RESEARCH EXPERIENCES

MINDS Research Group | BACHELOR THESIS STUDENT UNDER PROF. HERBERT JAEGER
Sep 2016 - Present | Bremen, Germany

- Just started writing thesis on echo state neural network.

KWARC Research Group | RESEARCH ASSISTANT UNDER PROF. MICHAEL KOHLHASE
Dec 2014 - June 2016 | Bremen, Germany

- Developed Semantic \TeX (sTeX) LaTeXML plugin which transfers sTeX to OMDoc in perl.
- Contributed the bindings to the mixing the Module Mathematical Theories and sTeX as surface languages.

KPMG Data Observatory, Imperial College | RESEARCH INTERN UNDER DR. DAVID BIRCH
Jun 2016 - Aug 2016 | 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.

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.

PROJECTS

An Exploration in Facial Verification

- Implemented a facial verifier using state-of-art techniques such as ConvNet hybrid model, joint-bayesian and fisher vectors on the challenging data set Labeled Faces in the Wild to compare their performances on facial verification tasks.

myNow :

- An iOS social network application written in Swift that aims at sharing the current activities that people are doing and allows others to join if they wish.

bybit

- An iOS and Android app that uses Bitcoin micro-transaction, which enables one to sell data plan by a small amount. This is not possible via traditional payment method.

The Judge Bot

- A robotics semester-long course project which was written in C++ using ROS and OpenCV. The robot could self-navigate and search for objects of interests.

AWARDS

Second Place 2/20+ top 10% @ OpenBank Hackathon

Jul 2016 | Google London Campus, The United Kingdom

- bybit: 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: worked with the Wiki Data team to develop the data quality and visualization product and provided an innovative view to look at the community.

Top 10/130+ 8% @ Global Jacobs Startup Competition

Mar 2015 | Bremen, Germany

- We entered with a time management application that can track the time spent on different applications across platforms to help users understand the time usage.