

EDUCATION

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)

MASTER IN NEUROSCIENCE AND NEUROENGINEERING
minor in computational neuroscience
Aug 2017- June 2019 | Lausanne, Switzerland

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

Theoretical Neuroscience
Artificial Intelligence
Machine Learning
Computer Vision

ONLINE OPEN COURSES (MOOCS)

Stanford:
Machine Learning (ML)

University of Washington:
ML Specialization

SKILLS

PROGRAMMING

Comfortable
Matlab • Java • C/C++ • R • \LaTeX
Basic
Python • SML • Emacs • Spark • iOS

LANGUAGES

Chinese (fluent) • English (fluent)
German (basic) • French (basic)

HOBBIES

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

TECHNICAL EXPERIENCES

G-lab at EPFL | RESEARCH ASSISTANT UNDER PROF. GRÉGOIRE COURTINE
August 2017 - Present | Lausanne, Switzerland

- Developing neuroprosthetics frameworks for spinal cord in order to regulate blood pressure.

Max Planck Institute for Intelligent Systems | RESEARCH INTERN UNDER DR. MORITZ GROSSE-WENTRUP
June 2017 - August 2017 | Tuebingen, Germany

- Extended brain-computer-interfaces transfer learning frameworks for motor rehabilitation in stroke patients to eliminate the need of collecting labeled data.

MINDS Research Group | BACHELOR THESIS STUDENT UNDER PROF. HERBERT JAEGER
Sep 2016 - June 2017 | Bremen, Germany

- Developed a motor learning skill classifier using Echo State Neural Networks to explore the correlation between resting state EEG and motor learning skills.

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

- Developed Semantic \TeX (sTeX) LaTeXXML plugin to transfer sTeX to OMDoc in perl.

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

- Visualized London city data to the governors on a 64-screen panoramic observatory.
- Simulated large-scale 3D models in a distributed fashion using Unity.

Jacobs University | TEACHING ASSISTANT | BREMEN, GERMANY

- Computability and Complexity 2017; Statistical Analysis with R 2016, 2017.

PROJECTS

An Exploration in Facial Verification

- Implemented a facial verifier using hybrid ConvNet and joint-Bayesian on Labeled Faces dataset in the Wild to compare their performances on facial verification.

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

Wiki Data Prize @ HPI Machine Learning and Data Analytics Hackathon
Jun 2016 | Berlin, Germany

Top 10/130+ 8% @ Global Jacobs Startup Competition
Mar 2015 | Bremen, Germany

Jacobs University Entrance Scholarship 15000 Euros
Mar 2014 | Bremen, Germany