Cheremy Pongajow

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Summary

Ambitious, positive, and social double degree MSc. student in Biomedical Engineering & Artificial Intelligence with excellent analytical and communication skills. Strengths include experience with programming, project coordination support in multicultural work environment and knowledge of systems engineering. Looking for a job to apply my theoretical knowledge in the professional field.

Skills

PyTorch	*TensorFlow*	*Computer vision*	*NLP*	*Python*	*Git*
Keras	*GCP*	*SPSS*	*LaTeX*	*Abaqus*	

EDUCATION

Pre-MSc. Artificial Intelligence (GPA: 7.8) — **The Netherlands, Amsterdam**
Vrije University Amsterdam — ***Sep 2021 – Till date***

- Modules: Data structures & Algorithms, Intelligent Systems, Machine Learning, Computational Intelligence.

MSc. Biomedical engineering: Medical devices (GPA: 7.6) — **The Netherlands, Delft**
Technical University Delft — ***Sep 2021 – Till date***

- Modules: Biomaterials, Sensors and Actuators, System Engineering, Computational Mechanics of Tissue and Cells, Active Implantable Biomedical Microsystems.

BSc. Human movement science (GPA: 7.1) — **Nederland, Amstedam**
Vrije University Amsterdam — ***Sep 2018 – July 2021***

- BSc. Final project: The effect of external lateral stabilization on step frequency and metabolic expenditure.
- Thesis: Effect of tendinopathy on morphology and mechanical properties of tendon in the lower extremities

BSc. Physical therapy — **The Netherlands, Rotterdam**
Rotterdam University of applied science — ***Sep 2016 – July 2017***

- Modules: Physical therapeutic operations, Methods of physical therapy, Research expertise, Blood function & Illness, Entrepreneurship in health and Anatomy.

IT Skills

Python
Machine learning project — ***Cancer classification***

- Development of skin cancer classification by implementing machine learning with the use of Python and TensorFlow.

Deep learning project ***3D segmentation OAR***

- Development of 3D CT-segmentation of organs at risk in the head neck region with the implementation of deep learning by using Python, PyTorch and Google cloud.

Matlab

Project ***Digital signals***

- Processing and analyses of EMG, force platform, video registration signals with the use of MATLAB

Project ***Biomechanics***

- Processing and analyses of human biomechanical models with the use of MATLAB.

Abaqus

Project ***Finite element modeling***

- Modelling of femur and intervertebral disc for isotropic, orthotropic, linear, hyper- and visco-elastic analyses

Office 365

LateX

Experience

Teaching assistent **The Netherlands, Leiden**

Lyceo ***Dec 2019 – Till date***

- Teaching exam material about mathematics and biology for 25 to 30 students at Havo/Vwo level
- Organising, preparing, and presenting lesson material
- Substitute teachers
- Average GPA improvement of 0.9

Sales employee **The Netherlands, Middelburg**

Part-of ***Jan 2018 – Dec 2018***

- Customer acquisition, customer relationship management, customer sales.

Sales employee **The Netherlands, Middelburg**

The Sting ***Jan 2017 – Dec 2017***

- Customer service, service desk.

Sales employee **The Netherlands, Middelburg**

Albert Heijn ***Jan 2011 – Dec 2016***

- Maintaining supplies, customer service.

Languages and skills

- Dutch Native
- English Near native
- Driver’s license