

YUXUAN ZHUANG

Researcher & Explorer

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EDUCATION

M.S. in Bio- and Nano Material, Chemistry

Uppsala University

Sweden

SEPT 2016 - NOW

B.S. in Organic Chemistry, Chemistry

University of Science and Technology of China

China

SEPT 2012 - JUNE 2016

EXPERIENCE

Robogame intelligent domestic service Robot Competition

Supervisor: Prof. Chun Shi

JUNE 2013 - OCTO 2013 USTC. CHINA

- Software development
- Interface design

Research Experience in Organic Chemistry Lab

Supervisors: Prof. Teck-Peng Loh and Prof. Yunhe Xu

OCTO 2013 - JUNE 2016 USTC. CHINA

- Palladium-catalyzed methodology development
- Copper-Catalyzed hydrosilylation with silylboronate (Bachelor Thesis)

Various Course Projects

SEPT 2016 - NOW UPPSALA UNIVERSITY, SWEDEN

- Design of an inhibitor of hemagglutinin
- Structure determination from 2D NMR spectra
- Concentration dependent effect of BMP-2 on W20-17 stem cell differentiation (and poster making)
- Design of biosensor for Alzheimer's Diagnosis

PUBLICATION(S)

Wang, M.; Zhang, X.; **Zhuang, Y.-X.**; Xu, Y.-H.; Loh, T.-P. *J. Am. Chem. Soc.* **2015**, 137, 1341-1347

STRENGTHS

Continuous Learner

Curiosity

Open-minded

Laboratory Skills

Gaussian

Docking

Software Development

COURSES

Master

- Computational Chemistry
- Molecular Design
- Biomaterials
- Soft Materials
- Nanobiotechnology
- Molecular Materials
- Biosensors

MOOC

- Deep Learning
From deeplearning.ai
- Data Analyst
From Udacity
Ongoing

LANGUAGES

Chinese Native

English Professional

Swedish Beginner

German Beginner

INTERESTS

Analog Photo Devotee

Art Museum Aficionado

Food Enthusiast