Bai Yunpeng

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EDUCATION

National University of Singapore   Singapore, Singapore
3rd Year Ph.D. - CS; Advisors: Prof. David Hsu, Shengdong Zhao, and Antti Oulasvirta   *Jan 2022 - Jan 2026*

Core Courses: *Advanced Topics in HCI, Information Visualisation, Knowledge Discovery and Data Mining, Neural Networks and Deep Learning, Advanced Topics in Networking, Advanced Topics in AI*

Beijing Institute of Technology   Beijing, China
Bachelor of Engineering - Mechanical Engineering; WAM: 87.5/100 (Top 5%)   *July 2016 - June 2020*

Core Courses: *Mechanical Design, Mechanisms and Machine Theory, Mechanical Drawing, Calculation Method, Theoretical Mechanics, Mechanics of Materials, Fluid Mechanics, Thermodynamics, Mechanics and Materials*

SKILLS SUMMARY

- **Languages**:   Python, Matlab, C++, JAVA
- **Specialists**:   Reinforcement Learning, Signal Processing, Mechanical Engineering
- **Tools**:   MuJoCo, AutoCAD, CAE, Solidworks, UG

PAPERS

CHI '24, Heads-Up Multitasker: Simulating Attention Switching On Optical Head-Mounted Displays
Yunpeng Bai, *Aleksi Ikkala, Antti Oulasvirta, Shengdong Zhao, Lucia J. Wang, Pengzhi Yang, Peisen Xu*

HONORS AND AWARDS

NUS Overseas Research Immersion Award (ORIA)
This award is to support NUS students who have outstanding research cooperation overseas.   *2024*

NUS SoC Research Incentive Award
This award is given to NUS students who have demonstrated good academic standing and research progress.   *2023*

Golden Glasses Award for Best Design
2022 Summer Bootcamp of future interaction for smart glasses   *2022*

Melbourne Graduate Scholarship
It is offered to high achieving international students in recognition of their excellent academic results   *2020*

2 × China National Scholarship
Highest scholarship given by Chinese government, top 1 %   *2017, 2018*

4 × First; 1 × Second; 1 × Third Class BIT SoM Scholarship
Semester scholarship given by school of mechanical engineering, BIT   *2017 to 2019*

Ranked 1000 in National College Entrance Exam (Gaokao), ShanXi Province
Scores 631/750, top 0.3%   *2016*