# HAODONG LI

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## EDUCATION

**The Hong Kong University of Science and Technology (HKUST)**          09/2023 ~ Present
*College of Future Technology (Guangzhou Campus)*          *New Territories, Hong Kong & Guangzhou, China*
- **Master of Philosophy (General)**
- Research Interest: **Generative Models**, **3D Vision**
- Supervisor: Yingcong Chen
- Grades: 4.3/5.0, Credits: 5.0

**Zhejiang University (ZJU)**          09/2019 ~ 06/2023
*College of Control Science and Engineering*          *Hangzhou, China*
- **Bachelor of Engineering in Automation**
- Grades: 4.0/5.0, Credits: 191.0

## RESEARCH (* INDICATES EQUAL CONTRIBUTION, NO PARTICULAR ORDER)

**LucidDreamer: Towards High-Fidelity Text-to-3D Generation via Interval Score Matching**          11/2023
**CVPR 2024 Highlight** | Project page: github.com/envision-research/luciddreamer          *Guangzhou*
*Yixun Liang\*, Xin Yang\*, Jiantao Lin,* **Haodong Li,** *Xiaogang Xu, and Yingcong Chen*
We present LucidDreamer, a text-to-3D generation framework, to distill high-fidelity textures and shapes from pretrained 2D generative models with a novel Interval Score Matching objective and an advanced 3D distillation pipeline. Together, we achieve superior 3D generation results with photorealistic quality in a short training time.

## PROJECTS

**AlphaCC Zero: Your Smart Chess Friend**          08/2022
**Haodong Li,** *Yipeng Shen, Zhengnan Sun, Jin Zhou, Xiayan Xu, Jiuqiang Zhao, and Yiping Feng*          *Hangzhou*
We build AlphaCC Zero, a smart entertainment and educational robot that can play chess with human players, with various difficulty levels and gaming modes, as well as user-friendly interfaces.

**Predictive Analytics of Chemical Indicators in Ironmaking Industry**          06/2023
**Haodong Li,** *and Xinmin Zhang*          *Hangzhou*
We build a prediction framework to forecast temporal chemical indicators, for improving product quality, maintaining safety, and saving energy.

## COMPETITIONS

**Championship** of 2021 RoboCup China Open (Small Size League)          *Tianjin*
**First Prize in National Finals** of 2021 "Siemens Cup" China Intelligent Manufacturing Challenge          *Shanghai*

## HONORS

- ZJU Excellent Student Research Training Program
- ZJU Innovation & Entrepreneurship Award
- ZJU Second Class Scholarship
- ZJU Academic Excellence Award
- ZJU Student Leadership Award

## ACTIVITIES

**ZJU Smart Factory Association**          03/2020 ~ 06/2023
*Minister of the Technology Department*          *Hangzhou*
Hold internal technical discussions, weekly meetings, and recruitment affairs.

**ZJU Volunteer Association**          09/2019 ~ 07/2021
*Committee Member*          *Hangzhou*
Organize student volunteer work for the large activities hosted by ZJU.

## SKILLS

- English (IELTS 7.0): Listening 8.5, Reading 8.0, Writing 6.0, Speaking 6.0
- Programming: Python, C, C++, Java, HTML