

# Bai Hei

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College of Chemistry and Molecular Engineering,  
Peking University,  
Beijing, China  
100871



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## EDUCATION

<b>Peking University</b>	Beijing, China
Bachelor of Science in Chemistry (GPA 3.5/4.0)	Sept. 2015 – June 2019 (expected)
Visiting Student, University of Exeter	July 2017

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## RESEARCH

Under the guidance of Prof. Yiqin Gao

### Molecular Modeling

- DNA recognition and catalytic mechanism of methyltransferase HhaI.  
(Supported by Beijing Innovation Plan Project) Aug. 2017 – Oct. 2017

### Genomics

- Analysis of dinucleotide distribution and correlation in DNA sequences  
of various species. Oct. 2017 – Present

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## SKILLS

### English

- TOEFL 105 (Reading 27, Listening 28, Speaking 22, Writing 28)
- GRE Verbal 151, Quant 169, AW 3.5

### Tools

- Platforms/Operating Systems: Windows, Linux
- Programming Languages: Python, Bash, R, C

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## HONORS & AWARDS

- Award for Academic Excellents 2017  
Peking University
- The third prize in National College Students Physics Competition 2016  
Beijing Physics Society
- Youth Award for Athletics 2016  
Peking University

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## LEADERSHIP & ACTIVITIES

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|---|-------------------------|----------------------------|------------------------|
| Teaching Assistant                          | Chemistry Today         | Peking University, Beijing | Sept. 2017 - Dec. 2017 |
| Director                                    | Weiming Hongxue Society | Peking University, Beijing | 2017 - 2018            |
| The third winner in Women's 5000-meter race |                         | Peking University, Beijing | 2016                   |
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