

# Chang, Bei (Bay)

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## SUMMARY

- Skilled at construction drawing design, accurately translating project concepts into precise technical drawings for seamless construction implementation.
- Proficient in independent project design, from conceptualization to detailed planning, and conducting relevant experiments to verify design feasibility, ensuring scientific and practical solutions.
- Competent in commissioning, rigorous testing and optimizing systems to achieve optimal performance.
- Proficient in task coordination among different teams and technical problem solving, ensuring efficient and high-standard project completion.



## EDUCATION

2014.09- 2017.04 Master of Environmental Engineering, North China Electric Power University, Beijing, China  
2010.09- 2014.06 Bachelor of Environmental Engineering, Zhongyuan University of Technology

## PROFESSIONAL EXPERIENCE/ACHIEVEMENTS

- 8/2024 – now      **WAI Environmental Solutions (Suzhou) Co.,Ltd, Jiangsu, China**  
*Process Engineer*
- Responsible for Drawing, Engineering, Lab-CN, etc.
- 11/2022-7/2024      **Suzhou Baiyun Environmental Protection Engineering Equipment Co., Ltd.**  
*Environmental Protection Engineer*
- Responsible for the water - quality detection and bench - scale experiments of project wastewaters.
  - Responsible for the technical communication in the early stage of projects, as well as the preparation of technical schemes and bidding documents.
  - Responsible for the cost budget of projects.
  - Responsible for the planning of project schemes, process design, and the drawing of construction drawings (including P&ID, general layout plans, and 3D drawings, etc.).
  - Responsible for the on - site system process commissioning of projects.
- 8/2019-10/2022      **Suzhou Xitu Environmental Protection Technology Co., Ltd.**  
*Environmental Protection Engineer*
- Responsible for the process design of projects, and the construction drawing design includes PFD, P&ID, general layout plans, etc.
  - Responsible for the provision of conditions such as civil engineering and electrical for the water - treatment system and waste - gas treatment system processes.
  - Responsible for the coordination work among various specialties during the process design and project implementation.
  - Responsible for the selection of related equipment and the technical support for equipment procurement.
  - Responsible for the work in the installation, commissioning, and acceptance stages.
  - Prepare process commissioning operation plans and solve on - site process problems.
  - Assist marketing staff in conducting early - stage technical communication and preparing schemes.
  - Participate in the company's scientific and technological innovation and other related work.
- 4/2017-6/2019      **Design and Research General Institute, GCL - Poly Group**  
*Environmental Protection Engineer*
- Responsible for the preparation of environmental - protection - related documents such as project proposals, project feasibility study reports, project preliminary design reports, and project tenders.
  - Responsible for the preparation and revision of the environmental - protection part of the company's typical designs.
  - Responsible for the drafting, negotiation, and docking of project contracts, as well as the contract process and signing.

## LANGUAGES

- English (proficient), Chinese (mother tongue)