



TIANYAO CHEN

Passionate about Software Development, Artificial Intelligence, and Machine Learning.

✉ ti.chen@jacobs-university.de · ☎ +49 1744588032 · in [tillchen](#) · 🌐 [tillchen](#) · 🌐 [tillchen.com](#)

Date of Birth: April 17th, 2000 Nationality: Chinese

Address: Mailbox 695, College Ring 3, Jacobs University Bremen, 28759 Bremen, Germany

🎓 EDUCATION

Jacobs University Bremen, Bremen, Germany

2018/8 – Present

B.S. Computer Science, Class of 2021

- **Finished courses:** Algorithms and Data Structures; Introduction to Computer Science; Programming in C; Programming in C++; Control Systems Engineering; Linear Algebra; Advanced Calculus.
- **Future courses:** Databases and Web Services; Computer Graphics; Software Engineering; Operating Systems; Computer Architecture and Programming Languages; Computer Networks; Machine Learning; Artificial Intelligence; Computer Vision; Robotics; Theoretical Computer Science.

👤 EXPERIENCE

Undergraduate Student Government(USG), Jacobs University Bremen

2018/11 – Present

Academic Affairs Committee(AAC) Member and IT Support

- Deployed, modified, and maintaining the open source web app [4minitz](#) on the university Debian server.
- Maintaining the USG constitution written in LaTeX on Gitlab.
- Helping to maintain the university Debian server, the committee homepage, the university [voting platform](#), and other websites hosted on the server.

MINDS(Modeling Intelligent Dynamical Systems), Jacobs University Bremen 2018/11 – 2019/2

Research Group Meeting Attendee

- Attended the research group meetings and discussed the topics including machine learning, AI, computational neuroscience, the theory of computing, and neuromorphic hardware.
- MINDS homepage: <http://minds.jacobs-university.de>

Jacobs Selection of ACM Programming Contest, Jacobs University Bremen

2018/10

Participant

- Won the second place as a three-people team.

⚙️ PROJECTS

- **Personal Website:** <https://tillchen.com> (for additional information, projects, and blog.)
- **4minitz - Meeting Minutes Web App:** <https://minitz.jacobs.university>
 - Deployed, modified, and maintaining the open source web app [4minitz from Github](#) on the Debian server of Jacobs University Bremen with my partner.
 - Utilized: Docker, Nginx, Certbot, cron (auto certificate renewal), JSON, Linux commands, Vim.
- **Alien Invasion: Python Game** https://github.com/tillchen/Alien_Invasion
 - Created a Python video game as my first big project and maintaining it on Github.
 - Utilized: Python, Pygame, Git.

💻 SKILLS

- **Python, C, C++, Git, Bash, LaTeX;** Haskell, MATLAB, HTML/CSS, Nginx, docker.
- **Languages:** Chinese(Mandarin) - Native Speaker; English - Proficient; German - Learning, Basic Level.