


Qinlin He

B.Eng. Candidate
4th Year Cyber Security Undergraduate Student

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EDUCATION

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|-------------------|---|----------------------------|
| 09/2020 - 07/2021 | School of Electro-Mechanical Engineering, majored in Automation | Xidian University |
| 09/2021 - 07/2023 | School of Cyber Engineering, majored in Cyber Security I was selected to join the Cyber Security Experimental Class program | Xidian University |
| 09/2023 - 07/2024 | UC Santa Barbara Extension, Graduate Academic Preparation Program | UC Santa Barbara |
| | | GPA: 3.4/4.0 IELTS: 7.0 |

RESEARCH EXPERIENCE

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|---------------------|---|
| 09/2022 - 11/2023 | DeepFake detection utilizing gaze information <ul style="list-style-type: none">Proposed a novel approach to combine gaze-related features with DeepFake detectionReached state-of-the-art performance in some related datasetsI developed the entire project and experimentsI wrote the paper for publication <p>Project Repo: github.com/Kyriota/GazeForensics</p> |
| Related Publication | [Under Review] Qinlin He, Chunlei Peng, Dechuang Liu, Nannan Wang, Xinbo Gao. Gaze-Forensics: DeepFake Detection via Gaze-guided Spatial Inconsistency Learning. Neural Networks [Journal] <p>Preprint: arxiv.org/abs/2311.07075</p> |

EXTRACURRICULAR

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|------------|---|
| Since 2021 | Member of L-team, CTF (Capture The Flag) team of Xidian University <ul style="list-style-type: none">I mainly focus on machine learning-related problems in CTF games like adversarial attacks |
| 07/2023 | * CTF (Star CTF) Ranked 3rd as a member of L-team |
| 09/2021 | TCTF RisingStar Final Ranked 3rd as a member of L-team |
| Since 2021 | Maintain my personal tech blog <p>Site: Kyriota.com</p> <ul style="list-style-type: none">A blog post about Unity 3D shader helped many other developers |

PROFESSIONAL SKILLS

- Programming Languages**
 - Experienced in **Python**, familiar with PyTorch and machine learning concepts
 - Experienced in **C#**, C, HTML, familiar with Unity 3D engine
- Tools**
 - Good proficiency in academic writing with **LaTeX**.
 - Proficient in using **Linux** and **GitHub**.

RESEARCH INTERESTS

- Trustworthy AI**, I am interested in improving the robustness, explainability, and privacy of AI
- Computer Vision**, like Deepfake Detection
- Natural Language Processing**, particularly Large Language Models
- Artificial General Intelligence**, keen interest in the pursuit of AGI