

Changdao He

100 Harbour Steet, Toronto, ON M5J0B5
(647) 336-6609
changdao.he@mail.utoronto.ca
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Professor Alice Gao
University of Toronto
Toronto, ON

Dear Professor Gao,

I am excited to express my interest in contributing to your CSC494/495 project focused on evaluating algorithmic approaches for solving complex games. As a University of Toronto Computer Science student currently enrolled in CSC384, I have developed a strong foundation in AI-driven problem-solving and game theory, reinforced by my consistent academic performance.

In particular, I excelled in the CSC384 assignment where I designed a Sokoban game agent utilizing heuristic functions. This experience not only honed my ability to craft effective heuristics but also deepened my interest in exploring novel approaches to game-solving algorithms. I found the challenge of balancing computational efficiency with strategic depth particularly compelling and am eager to apply this passion to a research setting.

My technical proficiency in Python, Java, and C, combined with strong problem-solving and independent research skills, positions me well for contributing to your project. I am especially motivated by the prospect of collaborating on the development and systematic evaluation of heuristics and optimization techniques for game agents.

I would welcome the opportunity to discuss how my background and interests align with your research objectives. Thank you for your consideration.

Sincerely,

Changdao He