

# Kevin Guo

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## Education

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**The University of Texas at Austin**, Austin, TX, *Expected May 2022*

*Bachelor of Science in Computer Science*

GPA: 3.85

Relevant Coursework: Data Structures, Computer Organization and Architecture, Discrete Math

**Thomas Jefferson High School for Science and Technology**, Alexandria, VA, *July 2018*

Relevant Coursework : Computer Science, Mobile/Web Development, Artificial Intelligence, Computer Vision, Computer Systems Research Lab

Weighted GPA: 4.4

Honors: National Merit Finalist, National AP Scholar

## Projects

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- Created a program written in Python, that "reads" images of chess boards, identifying pieces on squares and printing chess moves out in algebraic notation
  - Uses OpenCV for computer vision and Tensorflow for machine learning
  - Presented at TJSTAR, annual research symposium
- Created an Android app that allows users to lookup movie information by title
- 1. Created a Tetris clone in Java
- 2. Implemented AI opponents in Tic-Tac-Toe and Othello using the minimax algorithm
- 3. Implemented RSA encryption/decryption process in Python

## Skills

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1. Proficient in Python and Java
2. Experience in HTML/CSS/JS, C++, C, x86 Assembly

## Experience & Activities

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**Littlefield Patio Cafe**, Austin, TX, *September 2018 - Present*

*Building Attendant*

- Maintains cleanliness of public areas and receives deliveries
- Restocks items and bakery supplies

**Chesterbrook Elementary School**, McLean, VA, *June 2017 - August 2017*

*Teaching Assistant*

- Taught at the summer LEGO robotics program, helped younger students build/program robots and set up tasks/challenges for them to complete.