

# 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: 3.89

Relevant Coursework: Data Structures, Operating Systems, 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

## Experience & Activities

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**Ultra Electronics, 3eTI**, Rockville, MD, *July 2019 - August 2019*

*Software Intern*

- Sole developer for the fulfillment of a defense contract
- Developed an interactive whiteboard app that keeps track of prisoners and will be installed on site in naval brig.
- A Universal Windows App designed to run on windows tablets and toughbooks, written in HTML/JS/CSS and using the WinRT API to make system calls.

## Projects

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- Built a stock trading bot for the Robinhood app  
<https://medium.com/@kev.guo123/building-a-robinhood-stock-trading-bot-8ee1b040ec6a>
- Won “Best Health Hack” with my team at HooHacks 2019  
<https://devpost.com/software/statera>
- 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
- Created an Android app that allows users to lookup movie information by title
- Created a Tetris clone in Java
- Implemented AI opponents in Tic-Tac-Toe and Othello using the minimax algorithm
- Implemented RSA encryption/decryption process in Python

## Skills

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- Proficient in Python and Java
- Experience in HTML/CSS/JS, C++, C, x86 Assembly