

Kevin Guo

(703) 314-5205 | 2018kguo.github.io | kev.guo123@gmail.com

Education

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

- 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
 - Presented at TJSTAR, annual research symposium
- 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

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

Experience & Activities

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.