

Kenneth Shaw

56 Yard Rd. Pennington, NJ 08534 kshaw@gatech.edu

Extracurricular/Hobbies:

- VIP Research Project, Lightning From Space: (Jan 2018-)
- MIT Launch: Orama (Summer 2017)
 - Two-Factor Authentication with facial recognition API startup
 - Created an adapted dlib algorithm, frontend, as well as the communication for client side vision algorithm.
- ThermoFi: Wireless Thermometer and Sensor Project+Server (2015-present)
 - Worked to create and sell sensors that monitored the sustainability of the home.
 - Small WiFi Enabled sensors were custom designed, assembled and sold through my startup
 - Created a server (node.js) which showed monitoring information about the home. (temperature, humidity, air quality etc.)
 - Created user interface and applications to monitor and get notifications about the status of the home.
- FRC Team 293 High School Robotics:
 - Lead Control Systems Engineer, President, Robot Driver
 - Worked on educating new members on robotics and programming workshops.
 - Led the Onboard Auto-Targeting System project for “Boulder”/Dodgeball Shot Aiming using OpenCV and Python
 - Worked on Fine Mechanism Angle Control using 1000hz CAN PID
 - Began a project on Robot Data Analysis and Logging Using MATLAB
 - Created Custom Control Boards using TI HID Driver
 - Volunteered as Robot Inspection Manager.
 - Worked on having a pair of Ultrasonic Distance Sensors for Robot-to-wall Alignment
- Bitcoin Mining: Worked to program early FPGAs to mine Bitcoins efficiently.
 - X11 Algorithm Cuda Optimization Mining Award from Bitminter (10th)
 - Specialize in trading algorithms for short term and long term positions
 - Admin and founding member of Cryptocurrency Collectors Club on Facebook (currently has 75,000+ members and a wealth of collated information)

Education:

- Georgia Tech: Electrical Engineering (Graduation: Spring 2020)
 - GPA: 4.0 (4.0 Scale)
 - ECE 2020 (Fund. Digital Logic Design)
 - CS 1371/ CS 1331 (Obj. Oriented Java)
 - ECE 2036(Engr. Software Design)/2035(Programming Hw/Sw Systems)/2026(Signal Processing)