

# Eric Sheen

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## Education

- **Georgia Institute of Technology** **Atlanta, GA**  
*B.S. Computer Science, Network and Modeling Simulation* *August 2013–December 2018 (Expected)*  
GPA: 3.1

## Projects

- **E-Stadium** **Atlanta, GA**  
*Integrate IoT device with Bobby Dodd stadium* *2017–Present*  
Programmed MSP-430 with **Matlab** and **C**  
Developed the IoT device that analyzes the vibration generated in the stadium
- **Hangman** **Atlanta, GA**  
*Implemented a client and server for Hangman game using Python* *November 2017*  
TCP socket programmed and enabled multi-threaded to accept multiple client at the same time
- **Where's My Stuff? Application** **Atlanta, GA**  
*Developed android app that can find the lost phones using Java and Firebase* *May 2017–August 2017*  
Debugged the app with **Junit** for proper functioning
- **Malloc Emulator** **Atlanta, GA**  
*Implemented malloc and free algorithm using C* *August 2016–December 2016*

## Work Experience

- **JUSTEK Inc.** **Pyeongtaek Si, South Korea**  
*Intern* *November 2015 – April 2016*
  - Developed a basic GUI for a motor controlling application using Visual Studio to enhance efficiency
  - Developed a software that updates the serial numbers of products using VBA macro in Microsoft Excel for faster tracking
- **Georgia Institute of Technology, College of Engineering** **Atlanta, GA**  
*Shell Tutor* *May 2015 – July 2015*
  - Tutored statics for Mechanical Engineering to ensure students could understand class contents

## Skills

- **Programming Languages:** Java, C, Python, Javascript, HTML, Matlab, JQuery, R
- **Tools:** Linux, Android Studio, Git, GDB, MPI
- **Concepts:** OSI Networking Model, OOP, Agile, OS development, Machine Learning, Database Design, Dynamic Programming

## Activities

- **GreyHat Information Security Club** **member since May 2017**  
*Member*  
Discuss security topics and events weekly  
Participated on NetKotH CTF security competition event
- **LUG@GT** **member since May 2017**  
*Member*  
Educate people on basic of linux and how to use it