

Alex Yu

alex@alexYuCs.com

- Education:** University of Maryland College Park May, 2018
Computer Science B.S.
GPA: 3.39
- Skills:** **Languages:** Java, Python, Ruby, Javascript, MySQL, C, C++, HTML, CSS
Other: Eclipse, GIT, Unix Shell, TCP/IP, Linux (Ubuntu), Mac OS X
- Experience:**
- LinksMedia, Rockville, MD** June 2016 - August 2016
System Administrator and IT Intern
- ❖ Updated the company website using Html and CSS.
 - ❖ Addressed potential network security issues.
 - ❖ Presented a comprehensive strategic IT plan based on NIST standards.
- Interi Systems, Columbia, MD** July 2014 – August 2014
HUD Designer and Programmer
- ❖ Implemented an Arduino application to transfer and record system information of RC cars using UDP.
 - ❖ Developed a 3D rendering of the vehicle using Python and raw accelerometer data.
- NASA Zero Robotics** August 2013-June 2014
Lead Programmer
- ❖ Developed C code that placed us top 10 of the 2D national competition.
 - ❖ Optimized algorithm options ensuring the code passed size regulations.
- Projects:**
- For more, visit** <http://alexYuCs.com/> or <https://github.com/AlexYuCs>
- Chrome Dictionary Extension-** A Javascript extension that allows the user to highlight and hover on a word for its definition.
- Recipe Roulette-** A Heroku-hosted Python Facebook bot that takes recipe requests and returns a random recipe with a list of its ingredients.
- Gas Check-** A Python Facebook bot that takes in a location and uses myGasFeed API requests to return a list of all gas stations within two mile radius sorted by distance and price.
- Minimalistic Music Player Overlay-** A Python script using Tkinter and Pygame to create a music player with an unobtrusive GUI.
- Awards:**
- North American Zero Robotics Finalist 2014
National Merit Scholarship (4 years) 2014-2018
University of Maryland Scholarship (4 years) 2014-2018
University of Maryland Honors Program