umer**salman**

contact

24 Galleria Drive
San Antonio, TX 78257
USA

(936) 463 8626

umer936@gmail.com
umer936@utexas.edu
umer936.com

github.com/umer936
fb://Umer936
google/+umersalman

programming

CSS3 & HTML5
PHP (♥ Laravel)
MySQL
JavaScript,
CoffeeScript
jQuery
Java, C, C++
LaTeX (this résumé)
Python
TIBASIC
Assembly
MATLAB
LabVIEW
Git, SVN, Mercurial

operating systems

Linux
Android
OS X
iOS
Windows

software skills

Basic SolidWorks
Burp Suite
Eclipse
TableAU
Android Studio
Paint.NET

education

2016–Now	**Electrical and Computer Engineering Class of 2020**	University of Texas at Austin
2013–2016	**High School at Texas Military Institute (TMI)**	TMI - The Episcopal School of Texas
2013	**Certification of Graduate-Level Course**	Royal Holloway University of London

Graduated an online course titled "Malicious Software and its Underground Economy: Two Sides to Every Story." Learned about traditional and mobile security threats and the ecosystem that drives that illegal, yet profitable, business

extracurriculars

2017–Now Texas Aerial Robotics (TAR) University of Texas at Austin
Founded a club to compete in the International Aerial Robotics Competition with our fully autonomous quadcopter. Uses computer vision and many sensors to target and interact with moving ground robots. Ranked 2nd out of 30 teams

2015–2016 CyberPatriot TMI - The Episcopal School of Texas
Ranked Platinum, the highest tier, in a National cybersecurity competition funded by Northrop Grumman

2013–2016 FIRST Robotics Competition & Tech Challenge Brandeis High School, TMI - The Episcopal School of Texas
Built 120 lbs robots to compete against >3,000 teams. Team Captain of 3481 BroncBotz, 1 of 91 BETA teams chosen for robust design, programming skills, and performance on the field. Won Motorola Quality Award (x3), GM Industrial Design Award, and Delphi Excellence in Engineering Award. Also Team Captain of FTC 6221 Panther Bots, ranked in the top 3% of teams worldwide

experience

2012–Now Ingress (Niantic, Inc.)
Regional Moderator
- Created and manage the South Texas roster website and database for the global game
- Improved the usability of Google's web app by JavaScript bookmarklets for thousands of users

2017 General Dynamics Mission Systems San Antonio, Texas
Cybersecurity Intern
- Developed testing tools for PitBull, a Multilevel Security (MLS) Linux Operating System based on RHEL, and Trusted Network Environment (TNE) for U.S. DoD and Federal Agencies for handling operations and information at any security level
- Created Health Console/LogViewer for network security

2015 Parlevel Systems San Antonio, Texas
Summer Intern
- Developed the company's foray into micromarkets; now in use at Rackspace/Geekdom
- Developed of analytical software for vending machine operators

projects

2012–Now Android San Antonio, Texas
Created ROMs and wireless chargers for the HTC One X and OnePlus One (adb/fastboot)

2017 Smash Bros LaunchPad Austin, Texas
Developed in C and Assembly, adaptation of Smash Bros for TI LaunchPad. Wrote LCD drivers, audio output, joystick and button inputs. Wired inputs, display, audio jack, and vibration motor

2016 Waterslide Boerne, Texas
Right after graduation, my friends and I built a 12' tall waterslide in 2 days