Ralph Roger Smith

Education	**Bachelor of Engineering, Electrical and Computer Engineering, August 2008** The University of Texas at Austin Overall GPA: 3.41/ 4.00 Major GPA: 3.44/ 4.00

Experience

09/2008 - Present	**Engineering Scientist Associate, Applied Research Labs UT** • Develop, Test, and maintain software applications • Configure Linux/Unix system to meet platform requirements • Deliver software and hardware configurations to end-users • Provide end user training to ensure optimal use of systems delivered • Developed software management application for controlling loads on a sonar system and automating load fault recovery • Developed small-scale solution for testing sonar modules • Developed PyGTK interface for MySQL database to track sonar module testing progress
05/2007 - 08/2007	**Engineer Intern, Applied Research Labs UT** • Team leader for development of magnetic probe • Developed interfacing software for magnetic and acceleration sensing hardware • Processed magnetic probe data files using Matlab
12/2001 - 03/2007	**Pharmacy Technician, Walgreens** • ChPT certified to fill and distribute prescriptions • Provided guidance and assistance to customers overseen by licensed pharmacists • Established and maintain patient profiles, prepared insurance claim forms, and stocked and took inventory of prescription and over-the-counter medications
01/1998 - 01/2002	**Machinist Mate, Petty Officer Second Class, US Navy** • Boiler supervisor responsible for 5-10 personnel during plant operation and maintenance • Qualified as a work center supervisor • Joint manager of boiler plant readiness, assigned duties and ensured completion of tasks to effectively meet strict deadlines • Trained and evaluated personnel for promotion • Directed personnel in high-pressure environment of plant crisis • As physical readiness coordinator was responsible for training co-workers to pass physical fitness tests • Earned honorable discharge
Skills	Programming Languages: C/C++, Objective-C, C#, Python, Bash, MySQL, Matlab Libraries: OpenGL, GTK+, PyGTK, OpenAL Platforms: Unix/Linux, Mac OSX, Windows Intermediate Unix administration
Accomplishments	Published iPhone Game Developed C++/OpenGL platform independent 2D game engine Mac OSX/Linux/Windows/iPhone Developed personal webpage http://ralphunlimited.com Achieved rank of Second Class Petty Officer within a four year period Employability Status: **US Citizen / Permanent Resident** Active Security Clearance: **Secret**