MICHAEL GEROW

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Education

- **University of Southern California**—Los Angeles, CA
  Majoring in Computer Engineering and Computer Science

  – University GPA: 3.5, Major GPA: 3.8
  – Presidential Scholar
  – Projected Graduation Date: May, 2014

- **Bishop Kelley High School**—Tulsa, OK

  – GPA unweighted: 3.7, GPA weighted: 4.2
  – Graduation Date: May, 2010

Skills

- **Languages:** C, C++, Java, Python, Verilog, LATEX, Unix Shell Scripting, PHP, SQL, Motorola 68000 Assembly, Lua
- **Libraries/Frameworks:** OpenGL, ROS (Robot Operating System), OpenCV
- **Systems/Tools:** Linux and Unix variants (Debian, Ubuntu, Solaris), OSX, Windows 2000/XP/Vista/7, SVN, Git, Mercurial, Eclipse, Active Directory, Trixbox (Asterisk based PBX), Apache, Unity, VMWare ESX, Multithreaded Environments (Using Agents), Maven

Experience

- **DIRECTV**—El Segundo, CA
  Software Engineering Intern May 2012–August 2012

  – Did embedded systems work with set top box UI in Java
  – Created tool to increase productivity when working with set top box assets

- **Nelson Auto Group**—Tulsa, OK
  Information Technology Intern May 2011–August 2011, December 2011–January 2012

  – Created a system to effectively and efficiently keep copies of all physical media needed for the company's computer and technical systems.
  – Created a system to allow managers to easily access recorded calls through a web interface using PHP to access Asterisk servers.

Relevant coursework

- **Compuer Science 200**—Object-Oriented Programming
- **Computer Science 480**—Computer Graphics
- **Electrical Engineering 201**—Introduction to Digital Circuits
- **Electrical Engineering 357**—Computer Architecture
- **Computer Science 201**—Software Development

Interests

- **Robotics:** Currently a member of USC's robotics team working on vision processing for an autonomous underwater vehicle

Achievements

- National Merit Scholar.
- Created a factory simulation with a team of 18 people for a class project.