

## JOHN TOOKER

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### SUMMARY OF QUALIFICATIONS

- Team player with strong leadership skills
  - Proficient with C++11 with Qt, C, Java on Android
  - Familiar with JavaScript, Perl, PHP, MySQL, MATLAB, assembly languages, VHDL
  - Teaching experience, interpersonal expertise, cross-cultural communication abilities
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### WORK HISTORY

- **EF Johnson Technologies** (May 2011 – Present)  
Senior Design Engineer Lincoln, Nebraska  
Develop land mobile radio software for emergency response equipment. Design and implement fleet management software features for the desktop platform.
  - **University of Nebraska–Lincoln** (January 2007 – May 2011)  
Teaching Assistant Lincoln, Nebraska  
Taught and graded more than 500 students in six semesters in three computer engineering department's laboratories: Computer Organization, Data Structures and MATLAB.
  - **Garmin International** (May 2009 – August 2009)  
Software Engineering Intern Olathe, Kansas  
Application developer for Garmin's first two smart-phones: focused on network connectivity, user experience and cross-platform expansion on both C++ and Android environments.
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### EDUCATION

- **University of Nebraska–Lincoln** (January 2010 – December 2011)  
M.S. Computer Science Lincoln, Nebraska  
Researched wireless underground sensor networks. GPA of 3.952 / 4.0
  - **University of Nebraska–Lincoln** (August 2005 – December 2009)  
B.S. Computer & Electrical Engineering Lincoln, Nebraska  
GPA of 3.848 / 4.0
  - **University of Maryland** (January – May 2008)  
Studied for one semester in the Washington DC metro area. College Park, Maryland
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### ACHIEVEMENTS

- **Published Paper:** IEEE SECON 2012 (June 2012)  
*Mobile Data Harvesting in Wireless Underground Sensor Networks*
- **Android Card Game:** *Pitch* with over 10,000 purchases (January 2011 – present)