Gregory Knox

Senior S oftware Engineer - Entropix, LLC

Macedon, NY - Email me on Indeed: indeed.com/r/Gregory-Knox/e7a8a13e25ef810c

Willing to relocate to: Sarasota, FL
Authorized to work in the US for any employer

WORK EXPERIENCE

Senior Software Engineer

Entropix, LLC - Victor, NY - March 2013 to Present

- Java development of web application using Vaadin Java framework
- Apache Tomcat Deployment - CSS/HTML
- JSON - ANT/MAKE
- Multi-Threading - SQL/Databases
- Android Development for a messaging style application
- Gradle - Services
- Custom views - USB OTG/Serial port
- Unit Testing, White Box Testing, Regression Testing, Integration Testing
- JUnit
- Architectural design of software applications
- Secret Security Clearance

Mountain Medic Team Sponsor

Entropix, LLC - May 2013 to May 2014

Worked as a representative for the Hunt Hollow Ski patrol and worked directly with a
new team to further the development of the application.
- Fulfilled the role as customer for the team
- Reviewed and established project requirements
- Outline and reviewed product documentation

Mountain Medic (Senior Project)
Android application that helps ski patrollers in gathering health and legal data from patients.
- Consolidates patient information
- Reduces time spent in care
- Reduces time/labor needs for healthcare providers

S oftware Engineer - Intern

Entropix, LLC - Victor, NY - March 2012 to March 2013

- Java development of web application using Vaadin Java framework
- Unit Testing, White Box Testing, Regression Testing, Integration Testing
- Architectural design of software applications

Part-Time Software Engineer

L-3 Communications - Victor, NY - August 2011 to March 2012

Tutor

 - 2012 to 2012

Android application designed with Usability as major focus.
- Flashcard based learning app to help teach students American Sign Language
- Showed images of basic signs
- Created new signs via images when a user learned new signs

Software Engineer Co-op
  - November 2010 to August 2011

- Developed windows applications with C#, WPF, .NET 3.5/4.0
- Designed architecture for a new product
- Researched automated testing possibilities, new technologies for projects
- Test software products: Unit testing, Automated test creation, Usability Testing
- Victor Team Lead (January 2012 - March 2012)- 6 person team

Contact: Address:
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www.Greg-Knox.com

Personal Projects:
Custom Home Automation
- Various home automation projects using Groovy and the SmartThings platform
- Create custom Automation apps to customize user experiences
- Test, Review, Debug beta software and hardware
- Open source contributions

File Hog
An android application that is geared to helping users manage storage space on their
devices.
- White box testing
- Collaboration on new features/improvements
- UI design
- Functionality additions

EDUCATION

Bachelor of Science in Software Engineering
Rochester Institute of Technology   -   Rochester, NY
March 2013

SKILLS

Microsoft office (8 years), Java (7 years), Android (3 years), Python (1 year), C# (2 years), Git (6 years)

LINKS

http://www.Greg-Knox.com