PETER OTT

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OttPeterR.com
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Education

George Mason University, Honors College
Computer Science, BS - May, 2017

Qualifications

Secret Security Clearance Holder
Languages: Python, Java, JavaScript, R, C, Lisp, Haskell, Assembly
MacOS, *nix, Windows
IDEs: IntelliJ, PyCharm, Eclipse, Sublime Text
Version Control: SVN, Git

Personal Projects

Home surveillance Raspberry Pi with chat bot integration via Telegram
Sentiment analysis chat bit via Telegram
Raspberry Pi 4-node Beowulf cluster for Hadoop
github.com/OttPeterR

Professional Experience

Associate Software Engineer — 2013 (Intern) - present
Innovative Defense Technologies — IDTus.com

2013.   Won high-school contest for window tracking then hired as intern.
2014.   Plotted land and sea vehicle locations using a database and NASA's WorldWind open-source 2D and 3D globe.
2015.   Improved optical character recognition performance on low-res. images from ~30% to ~70% with machine learning techniques.
2016.   Network analysis and fuzz testing with machine learning.
2017.   Metadata clustering for optimized search. Executed a Security Technical Implementation Guide (STIG) test. Member of CMMI level 3 certification team.

Volunteer Experience

Web Admin, Catholic Campus Ministry at GMU, 2014 - present
Member of the advertising committee for our student organization, managed the church's website and events calendar for the community.

2014-15.   Managed Joomla website using FTP, HTML, CSS, etc.
2016.   Created a SquareSpace site. Recorded and edited weekly videos.