

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, MatLab, Lisp, C, Haskell
Operating Systems: *nix, MacOS, Windows
Dev Environments: IntelliJ, PyCharm, Eclipse
Frameworks: Keras, Pandas, NumPy
Version Control: Git, Subversion
Build/Integration Systems: Jenkins, Nexus, GitLab

Professional Experience

Associate Software Engineer - 2013 -present
Innovative Defense Technologies - IDTus.com

- 2018. Member of successful CMMI level 3 audit team. Developed tools for micro service monitoring and repair. SBIR proposal team member.
- 2017. Machine learning clustering for optimized search. Executed a Security Technical Implementation Guide (STIG) test.
- 2016. Network analysis and fuzz testing with evolutionary machine learning.
- 2015. Improved optical character recognition performance on low resolution images from ~30% to ~70% with machine learning techniques.
- 2014. Plotted vehicle locations from SQL onto NASA's WorldWind open-source 2D and 3D globe.
- 2013. JUnit testing and bug fixes.

Personal Projects

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

Volunteer Experience

Web Admin, Catholic Campus Ministry at GMU, 2014 - 2017
2016. Created a SquareSpace site. Recorded and edited weekly videos.
2014-15. Managed Joomla website using FTP, HTML, CSS, etc.