

PETER
OTT

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Education

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

Qualifications

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

Personal Projects

Home surveillance Raspberry Pi with chat bot integration via Telegram
Raspberry Pi 4-node Beowulf cluster
Wedding RSVP texting bot
Projects can be found at 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 accuracy of optical character recognition performance on low-resolution screen captures from ~30% to ~70% via image editing and machine learning techniques.

2016 Network message creation, analysis and fuzz testing on a ship control system. Used machine learning to improve the effectiveness of fuzz testing.

2017 High performance clustering of images via metadata for optimized searching. Executed a Security Technical Implementation Guide (STIG) test for a large product.

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.

2014-2016 (Q1,Q2) Managed Joomla website using FTP, HTML, CSS, etc.

2016 (Q3) Built a website via SquareSpace. Recorded and edited weekly videos.

