
John Grossmann

LinkedIn: www.linkedin.com/pub/john-grossmann/a3/203/aa6/

Recent graduate with MS degree in Computer Science with a broad set of coursework in security, databases, robotics, Internet of Things, Machine Learning, and Big Data Analytics

Summary of Qualifications

Full-stack Software Engineer specializing in security, network management and distributed network service development for APN LLC. Excels at creative troubleshooting and problem solving.

Technical Skills

- Experience: Java, Matlab, Python, C, Network Security, Security Architecture, HTML, CSS, JavaScript, Agile Software Development, Node.js, C#, Ruby, Rails, Hadoop, TestAutomation, SQL, CUDA, TCP/IP, Malware Reverse Engineering, TDD, x86 Assembly Code
 - Web application creation: backend and frontend Database design and creation
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Professional Experience

Senior Software Developer
All Purpose Networks LLC

2/2015-Present
Dover, NJ

- Member of a startup creating a novel network communication system to run over the existing IP network in a publish/subscribe message passing architecture with seamless link handovers as users move between different networks.
- Develop network management system with integrated GUI to setup and monitor APN networks.
- Integrate up-to-date security best practices and features for APN networks and software applications.
- Maintain and update routing applications to scale with the size of our networks, and to handle new plug-in applications and features.

Software Engineer for the Triton Unmanned Drone Program 5/2013-8/2013
NORTHROP GRUMMAN (Internship) Hollywood, MD

- Worked as an integrated member of the Software Development Cycle by working on the conflict avoidance team to make sure the drone operates without error.
- Performed testing, debugging, feature coding, and software documentation.
- Gained invaluable collaboration skills by working with several teams across the country simultaneously.

Education

2014-2016 **COLUMBIA UNIVERSITY** New York, NY
Master of Science in Computer Engineering, May 2016

2010-2014 **COLGATE UNIVERSITY** Hamilton, NY
Bachelor of Arts in Physics and Computer Science, May 2014
