

Nicolas Acton

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PROFESSIONAL EXPERIENCE

Project Engineer *June 2016 - Present*
In-Q-Tel *Arlington, VA*

- Prototyping systems composed of emerging cloud and software technologies to drive new innovations within the Intelligence Community and explore technology trends.
- Consulting cloud transition and deployment strategies with startup portfolio for IC customers.
- Validating sophisticated software and hardware deliverables from startup portfolio companies for Intelligence Community customers.
- Providing deployment/technical support and demonstration for IC customers.

Systems Engineer *January 2015 - May 2016*
Alion Science and Technology *Washington, DC*

- Provided acquisition support to Navy Guided Missile Destroyer shipbuilding effort.
- Conducted investigations for client engineering requests and provide recommendations for deconflicting contracts and specifications on various onboard ship systems.

Engineering Associate *May 2014 - November 2014*
Lockheed Martin *Manassas, VA*

- Verified and implemented design changes in support of Navy Technology Insertion Hardware (TIH) contract which inserted commercial server technology into submarines.

Research Assistant *October 2013 - May 2014*
JMU Mathematics Department *Harrisonburg, VA*

- Performed and documented research and experimentation revolving around applications of the Coanda effect on oil nozzles by measuring acoustic noise of high-velocity airflow.

EDUCATION

Virginia Tech *Falls Church, VA*
M.Eng. Computer Engineering *Spring 2022*
Area of Focus: Software and Machine Intelligence

James Madison University *Harrisonburg, VA*
B.Sc. Engineering *May 2014*
Minors: Mathematics, Physics

TECHNICAL COMPETENCIES

Legend: **Work Experience** | **School Experience** | **Self-taught**

Programming: Python , Javascript , Bash , MatLab	CAD: Solidworks , AutoCAD , PTC
Development: Agile , SCRUM , MS Project , Github/Git	Data Science: Tableau , MatLab , Jupyter/Anaconda
Virtualization: VSphere , AWS , GCP , Docker , Kubernetes	Data Acquisition: NI (Labview) , Vernier , Arduino
	OS: Window ; Mac OSX ; Linux (Many Distros)

AWARDS/CERTIFICATIONS

Integrated Solutions Group Employee of the Month *Alion, July 2015*
Engineer-in-Training (EIT) *NCEES, December 2013*
Eagle Scout Award *Boy Scouts of America, April 2010*

For more detailed information and additional experience please read my CV @ bit.do/nicactoncv,
my LinkedIn @ bit.do/nicacton_linkedin, or my website @ <https://nicacton.com>