

## PERSONAL DETAILS

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*Birth* 28 April, 1989  
*Address* 7386 Pryor Rd.  
Clinton, NY 13323  
*Phone* (315) 601-8991  
*Mail* alexander.jansing@gmail.com  
*GitHub* <https://github.com/DatasCat>  
*Clearance* Secret

## EDUCATION

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### B.S. Applied Mathematics

2012-2015

*SUNY Oswego*

Applied Mathematics with a focus in Computer Science with experience in:

Software Engineering  
Number Theory  
Multivariable Calculus-based Statistics  
Linear Programming  
Numerical Analysis

## WORK EXPERIENCE

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### MQ-9 Integrated Avionics Journeyman

2012-present

*Air National Guard - Traditional Guardsman - 174<sup>th</sup> Aircraft Maintenance Squadron*

As an airman of the 174<sup>th</sup> Attack Wing I participate in troubleshooting, repair, and scheduled maintenance on the avionics and electrical systems of the MQ-9 remotely piloted aircraft.

### F-16 Integrated Avionics Journeyman

2009-2012

*United States Air Force - Active Duty - 756<sup>th</sup> Aircraft Maintenance Squadron*

As an airman of the 756<sup>th</sup> Aircraft Maintenance Squadron I participated in troubleshooting, repair, and scheduled maintenance on the avionics and electrical systems of the F-16 Fighter jet. Systems maintained included:

Flight controls, Color Multifunction Displays, GPS, IFF,  
UHF/VHF radio communications, Tactical Air Navigation, Fire-  
control radar, Fuel, Heads-up Displays, and Helmet-Mounted Cueing  
Systems.

## SKILLS

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*Languages* English  
German (A2 - Goethe Institut)  
*Software* MATLAB, L<sup>A</sup>T<sub>E</sub>X, R, GIT  
*Programming* JAVA, C, PYTHON, JAVASCRIPT, HC11, HCS12

## OTHER INFORMATION

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Flight line driving qualified

Member of the SUNY Oswego Math Department Program Board

Aided in the implementation of the **ALEKS** program for freshmen and transfer math placement