Moshe M. Hollander

5, Elliott St, North Bondi, 2026, New South Wales, Australia
(US Citizen)

☐ (+61) 414-446-413 | ✉ mhollander0@gmail.com | 🔗 www.linkedin.com/in/moshehollander

Education

The University of New South Wales   *Sydney, Australia*

B.E. IN AEROSPACE ENGINEERING - WAM: 76.080 (≈ GPA: 3.5)   *2013 - 2018 (anticipated)*

- Dean's Honours List – 2014, 2017, 2018

Relevant Coursework:

- Mechanics, Mechanics of Solids, Fluid Mechanics, Engineering Design, Statistics, Numerical Methods, Professional Engineering and Communication, Linear Systems and Control, Aerospace Structures, Aerodynamics, Propulsion, Computational Fluid Dynamics (CFD), Finite Element Methods (FEM), Aerospace Design.
- Thesis Topic: Wingtip Pressure Distribution Measurements and Relations With Tip-Vortex Generation

The University of Maryland   *College Park, MD*

ENGINEERING EXCHANGE PROGRAM   *September - December 2016*

Relevant Coursework:

- Introduction to Aerospace Systems, Dynamics

Experience

Science and Technology Corporation - (NASA Ames)   *Moffett Field, California*

RESEARCH ASSOCIATE   *May 2017*

- Served as an acoustics data acquisition engineer for wind-tunnel tests conducted in the National Full Scale Aerodynamics Complex (NFAC), the largest such complex in the world.

NASA Ames Research Center - Rotorcraft Aeromechanics   *Moffett Field, California*

SPRING INTERN   *January 2017 - April 2017*

- Processed and analysed rotorcraft acoustic data gathered during wind tunnel testing within NASA's Martian Surface Wind Tunnel.
- Installed equipment and assisted in the running of follow up experimental testing that further developed work previously done in the Martian Surface Wind Tunnel facility. Wrote technical reports on experimintal findings.

Thales Australia - Department of Avionics Training and Simulation (ATS)   *Rydalmere, NSW, Australia*

SUMMER INTERN   *November 2014 - January 2015*

- Collaborated with engineers and other technical staff in order to fault find and repair test benches worth over one million Australian dollars. This involved both technical troubleshooting and component procurement.
- Processed the configuration control of work orders and documents into a business configuration tool.
- Played a key role in 'Materials Requirement Planning' (MRP) stock control for a major radar systems operation.

Skills

- **CAD & Computational Simulation:** Solidworks, CATIA V5, ANSYS FLUENT CFD, ANSYS Static Structural
- **General Software:** MATLAB, MS Office
- **Communication:** Highly developed written and oral communication skills

Extracurricular Activity

The American Institute of Aeronautics and Astronautics - UNSW Student Chapter   *Kensington, NSW, Australia*

ARC (UNSW STUDENT UNION) DELEGATE   *June 2016 - December 2016*

- Secured university funding for various club activities. This involved collating attendance and expenses information with which I would draft reports that would be sent to the student life board for approval.
- Communicated with the facilities management office to secure venue locations.

The American Institute of Aeronautics and Astronautics - UNSW Student Chapter   *Kensington, NSW, Australia*

THIRD YEAR REPRESENTITIVE   *April 2016 - December 2016*

- Arranged speakers for the 2016 internship night. Identified key talking points, located speakers appropriate for the job. Ensured that the speakers were adequately prepared to speak on the night.
- Collaborated with other committee members to develop marketing material and coordinate events.

Engineers Australia - The Great Engineering Challenge   *Kensington, NSW, Australia*

YOUTH MENTOR   *August 2015*

- Conducted general logistical support for the event.