



Mads Mikkelsen

BSc in Physics,
Molecular Astrophysicist

- June 19, 1999, Denmark
- Skt. Laurentii Vej 102, Skagen, 9990
- (+45) 41 23 96 32
- <https://madsmikkelsen1.github.io/>
- Mads@mik86.dk

Social Network

- LinkedIn Page Link
- Github Page Link

Languages

- Danish
- English
- Spanish
- Swedish
- Norwegian

Hard Skills

- Data Analysis, Interpretation and Presentation
- Interdisciplinary Cooperation
- Physics Experimentalist
- Public Speaking & Science Communication

Soft Skills

- MacOS
- Microsoft Windows
- L^AT_EX, Pages & Keynote
- Python
- SQL & Databases

Working Experience

- 2023 – 2025 **Traffic Assistant and Ramp Supervisor** Sunclass Airlines
Working on the ramp ensuring proper aircraft readiness (fueling, catering, cleaning, power, etc.) through coordination with pilots, cabin crew, ramp agents and ramp supervisors. Managing up to 9 flights at once.
- 2022 – 2023 **Visitor Services** Aarhus University
My primary role within the Aarhus University Visitor Services was to educate high school students in observational astronomy and conduct observations using Aarhus University's remote-controlled telescope (FUT). Additionally, as part of the DanIsh Student CubeSat programme (DISCO), I also educated high school students and teachers on CubeSats and satellite communication
- 2021 – 2022 **Caretaker for Mentally Handicapped People** Bofællesskab Stautruphus
Mostly security at night, however I also distributed medication to the residents and made sure that every resident got to their respective activities. Also did regular caretaking – including keeping company and entertainment, preparing food, showering, etc..
- 2020 – 2020 **Inventory** Salling Group
Working at night doing inventory of various supermarkets and stores throughout Midtjylland, Denmark.
- 2018 – 2018 **Delivery** Koma Sushi
Preparing food and managing delivery for a local sushi restaurant.
- 2014 – 2015 **Car Washer and Floor Cleaner** Sand Jensen Automobiler A/S
Washing exhibition cars and cars for sale at a local dealership and cleaning up the mechanic workshop after closing hours.

Education

- 2024 – 2025 **Master of Science** University of La Laguna
Completed two semesters of MSc in Astrophysics, where I expanded on my knowledge with advanced courses such as stellar structure and evolution, stellar atmospheres, radio astronomy, and high-energy astrophysics and astroparticles. Due to personal reasons, I decided to discontinue the program before completion.
- 2020 – 2023 **Bachelor of Science** Aarhus University
During my undergrad I studied physical topics ranging from classical mechanics, advanced mechanics, quantum mechanics, astrophysics, special relativity, statistical physics, solid state physics, atomic and molecular physics. However, I also attended relevant mathematics courses along with a course on the philosophy and ethics of natural sciences. Throughout my degree I mainly focused on astronomy and astrophysics and taking relevant courses in the regard.
- 2018 – 2019 **Military Service** The Royal Guard
During my time in The Royal Guard, with focus on conscientiousness and discipline, I was trained as infantry and later appointed as Guard for the Danish Royal Family, palaces and castles. I was also appointed as spokesman for my platoon and *post for gevær*. In addition to the basic military education I also received courses in advanced first aid and transportation of dangerous goods.
- 2015 – 2018 **High School** Silkeborg Gymnasium
I majored in mathematics and physics and minored in chemistry. I was taught the foundations of the scientific method, critical thinking, theoretical predictions and experimental verification. However, I was also exposed to basic Latin and Greek, political science and music theory.

Mads Mikkelsen

BSc in Physics,
Molecular Astrophysicist

About Me

I am a hard-working and strongly detailed-oriented individual who values punctuality and propriety balanced by humor and responsibility. I always keep deadlines and deliver products I am proud to present. Although I prefer to decide when and how I spend my time working, I function well in teams and can cooperate with people of different backgrounds and expertise.

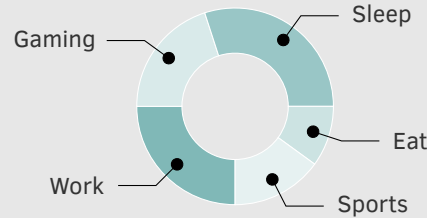
Being Me

Interests and Keywords

- Music
- Football
- Gaming
- Astronomy
- Science
- Technology
- Astrophysics
- Simplistic
- Humor
- Detail-Oriented
- Minimalistic



Daily Life



Few Interests

- Healer Classes
- Playing Chess
- Making Playlists
- Playing the Guitar

Publications

In Prep.	Formation of Ethanol <i>via</i> Electron and Ion Processing of H₂CO and CH₃OH Rich Ices <i>Mikkelsen et al.</i> Astronomy & Astrophysics
In Prep.	Electron Induced Formation of Methyl Formate and its Isomers: A Systematic FTIR and VUV Spectroscopic Study <i>Traspas Muiña et al.</i> Astronomy & Astrophysics
In Prep.	Proton Induced Formation of Methyl Formate and its Isomers: A Systematic FTIR Spectroscopic Study <i>Traspas Muiña et al.</i> Astronomy & Astrophysics
2024	DISCO-2 - An Ambitious Earth Observing Student CubeSat for Arctic Climate Research <i>Dideriksen et al.</i> Frontiers in Remote Sensing
2023	Formation of Solid Methyl Formate and its Isomers in the Interstellar Medium <i>Mads Mikkelsen ; Sergio Ioppolo (Supervisor)</i> Bachelor's Thesis – Aarhus University

Extra Activities

2024	Aircraft Start-Up and Preparation	Sunclass Airlines
2024	Introduction to Cyber Security Certificate	TryHackMe
2024	Pre Security Certificate	TryHackMe
2023	Public Lecture	Midtjysk Astronomy Society
2023	Airport Safety and Security Certificate	AENA // Tenerife Airport South
2023	Attended Interuniversity Interdisciplinary Astrochemistry Course	
2021 – 2024	DanIsh Student Cubesat prOgramme – DISCO	Aarhus University
2021 – 2024	Observational Astronomy Group – FUT	Aarhus University
2019	Transportation of Dangerous Goods Course	The Royal Guard
2019	Advanced First Aid Course	The Royal Guard

Statements from Previous Employers

Available upon request.