

Master's thesis worker, cellular network performance and  
quality measurements  
Aalto University

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Posted May 19, 2025, set to expire Dec. 31, 2025

<b>Job Title</b>	Master's thesis worker, cellular network performance and quality measurements
<b>Department</b>	T412 Department of Information and Communications Engineering
<b>Institution</b>	Aalto University , , Finland
<b>Date Posted</b>	May 19, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
<b>Job Website</b>	<a href="https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Master-s-thesis-worker--cellular-network-performance-and-quality-measurements_R43293">https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Master-s-thesis-worker--cellular-network-performance-and-quality-measurements_R43293</a>

**Apply By Email**

**Job Description**

Aalto University is where science and art meet technology and business. We shape a sustainable future by making research breakthroughs in and across our disciplines, sparking the game changers of tomorrow and creating novel solutions to major global challenges. Our community is made up of 120 nationalities, 14 000 students, 400 professors and close to 5000 faculty and staff working on our dynamic campus in Espoo, Greater Helsinki, Finland. Diversity is part of who we are, and we actively work to ensure our community's diversity and inclusiveness. This is why we warmly encourage qualified candidates from all backgrounds to join our community.

In the Department of Information and Communications Engineering, we are seeking for a Master's Thesis Worker.

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This thesis will focus on cellular network performance and quality measurements using Rhode-Schwarz QualiPoc payload in a multirotor drone. To successfully complete the given tasks, following skills are needed: \* Embedded programming skills using C/C++ \* Understanding of cellular network 4G and 5G technologies \* Familiarity with MATLAB \* Good study record in communications, mathematics and signal processing

Some experience about flying multirotor drones would be an asset, but not necessary.

#### Terms of Employment

The thesis work is offered as a full-time, fixed-term contract for a duration of six (6) months. The monthly salary is 2,500 EUR.

#### Join us!

If you want to join our community, please send your application including your CV and study record through our recruitment system, "Apply now" by June 2nd, 2025.

#### Further information

For more information regarding the open position, please contact:

-Reino Virrankoski, D.Sc. (Tech.), Aalto University, Department of Information and Communications Engineering, [[url=mailto:reino.virrankoski@aalto.fi](mailto:reino.virrankoski@aalto.fi)],reino.virrankoski@aalto.fi, 050-516 0454

-Riku Jäntti, Professor, Aalto University, Department of Information and Communications Engineering, [[url=mailto:riku.jantti@aalto.fi](mailto:riku.jantti@aalto.fi)],riku.jantti@aalto.fi, 050-597 8588

In any questions regarding the recruitment process, please contact HR Advisor Monika Mäkinen, [[url=mailto:hr-elec@aalto.fi](mailto:hr-elec@aalto.fi)]hr-elec@aalto.fi.

Please note: Aalto University's employees should apply for the position via our internal HR system Workday (Internal Jobs) by using their existing Workday user account (not via the external webpage for open positions).

Aalto University reserves the right for justified reasons to leave the position open, to extend the application period, reopen the application process, and to consider candidates who have not submitted applications during the application period.

#### Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

**Contact**

Finland