

# Johan Juell-Skielse

## Curriculum Vitae



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### Resume Summary

Driven and motivated Student in the last phase of university education. Verifiable prowess in development, control and analysis of systems and models for use in mechatronic applications. Seeking a full-time position for the next step in my career where I can apply and develop myself.

### About me

I am a machine-interested person originally from Stockholm, Sweden. In my spare time i enjoy riding my motorcycle, skiing, playing computer games and socializing with friends.

### Languages

Swedish

English

### Proficiencies

Python

MATLAB

3D Printing

C++

CAD

- ### Skills
- Do-er personality
  - Financially literate
  - Stress tolerant
  - Independent worker
  - Drivers' License

Education		
2019 - 2024	Civ. Ing. Mechanical Engineering Civilingenjör-programme accounting for my MSc and BSc at Linköping University.	Linköping University
2022 - 2024	MSc. Electrical Engineering Verifiably excellent results in automatic control and sensor fusion, among the most difficult courses available at the university.	Linköping University
2019 - 2022	BSc. Mechanical Engineering Provided a broad background for understanding systems and mechanics in preparation for more specialization.	Linköping University
2016 - 2019	High School Technical Science-programme intended for further studies at university level.	Östra Gymnasiet i Skogås

Experience		
For a timeline of events, see the bottom figure.		
Since 2024	MSc. Thesis A continuation of my previous efforts at Braviken Papermill, consisting of an academic study of a new way of implementing thermal imaging systems for papermaking, intended to fuse measurements with conventional quality control systems.	Holmen
Since 2023	Systems Engineer Systems Engineer at Braviken Papermill, Norrköping, Sweden. My task was to introduce a thermal imaging system, unprecedented at that point in time, to the mill. Data science, scripting and other such methods were implemented for diagnostics and fault detection purposes. Full time during the summer of 2023, part-time afterward. My work motivated the procurement of a new thermal imaging system at the cost of approximately 1 MSEK, the integration of which would not have been feasible without my contribution.	Holmen

2022 - 2023	Lecture Assistant Lecture Assistant for Control theory taken by 3rd year students. Involves presentation of material, mentoring and exam correction. Laboratory or workshop-related assistant in several other courses, as per the timeline at the bottom.	Linköping University
2022	Machine Operator Work with heavy machinery concentrated at the saw. Handling of timber, quality control and intra-factory packaging processes. Full time for the summer of 2022, and odd evenings afterward.	Holmen
2021	Chauffeur Working with logistics for the healthcare industry in Stockholm during the summer of 2021. Full time for the summer of 2021.	Widriksson Logistik

