

# Curriculum Vitae

Oscar Stommendal

BSc ENGINEERING PHYSICS | MSc PHYSICS | BSc BUSINESS AND ECONOMICS

✉ Email | 📱 iPhone | 🔗 LinkedIn | 🐙 Github | 🌐 Personal Website | 📍 Gothenburg

## EDUCATION




2024 - now	MSc Physics at <b>Chalmers University of Technology</b> <i>Focus on computational physics, astronomy and quantum physics/computing.</i>	GPA: 5.0/5.0
2025	Exchange Semester at <b>Nanyang Technological University</b> , Singapore <i>QS World University Ranking 12. Advanced topics in physics, business, and engineering.</i>	
2023 - now	BSc Business and Economics at <b>University of Gothenburg</b>	
2020 - 2023	BSc Engineering Physics at <b>Chalmers University of Technology</b> Bachelor's Thesis: <i>Gibbs objective function for modification of the optimization process in a hybrid quantum algorithm</i>	GPA: 4.3/5.0
2017 - 2020	Natural Sciences program at <b>Nils Ericson High School</b>	GPA: 4.8/5.0

## WORK EXPERIENCE

<sup>❗</sup> References available.

<b>Summer Internship within Emerging Compute @ <i>Ericsson</i></b> <sup>❗</sup>	Jun 2025 - now
<ul style="list-style-type: none"><li>– Investigated the potential of quantum computing to solve problems in telecommunications.</li><li>– Contributed to cutting-edge research, R&amp;D strategy discussions, and worked in cross-functional teams.</li></ul>	
<b>Research Technician @ <i>GKN Aerospace</i></b> <sup>❗</sup>	Sep 2023 - May 2024
<ul style="list-style-type: none"><li>– Optimized MATLAB and Python tools, cutting processing time and speeding engineering decisions.</li><li>– Developed a Python package to automate QA, cutting preparation time and improving consistency.</li><li>– Coordinated with engineers and project managers to align tool improvements with operational needs.</li></ul>	
<b>Summer Internship in the GTC-department @ <i>GKN Aerospace</i></b> <sup>❗</sup>	Jun 2023 - Aug 2023
<ul style="list-style-type: none"><li>– Automated data analysis and developed a tool for stress calculations on CAD models using Python.</li><li>– Reduced the time spent on data analysis, improving the department's overall efficiency.</li></ul>	
<b>Part-time Consultant @ <i>Nordisk rörmärkning AB</i></b> <sup>❗</sup>	Apr 2021 - Nov 2023
<ul style="list-style-type: none"><li>– Designed Excel/VBA tools to automate and simplify customer orders, minimizing efforts and errors.</li></ul>	

## QUALIFICATIONS

Programming and Software Knowledge	Languages
 Highly Proficient: Python, MATLAB, Microsoft Office, Git/GitHub	Swedish (Native)
 Proficient: C/C++, L <sup>A</sup> T <sub>E</sub> X, Linux, Azure	English (C2)
 Basic: HTML, YAML, ANSYS, Visual Basic, LabVIEW	Spanish (A1)

## EXTRACURRICULAR ACTIVITIES

2022	Qualified for <b>Mensa Sweden</b>
2020	<b>Intize mentor</b> for high-school students in math and physics
2009 - 2018	<b>Floorball player</b> , including 3 seasons as captain/leader of the team

## ADDITIONAL INFORMATION

**Scholarships:** Anna Whitlocks Minnesfond, Doktor Felix Neuberghs Stiftelse, Stiftelsen AAA.

**Interests:** Personal projects in finance and programming, music, food, skiing, sports, fitness, traveling.