



Anton Styrefors Sparby

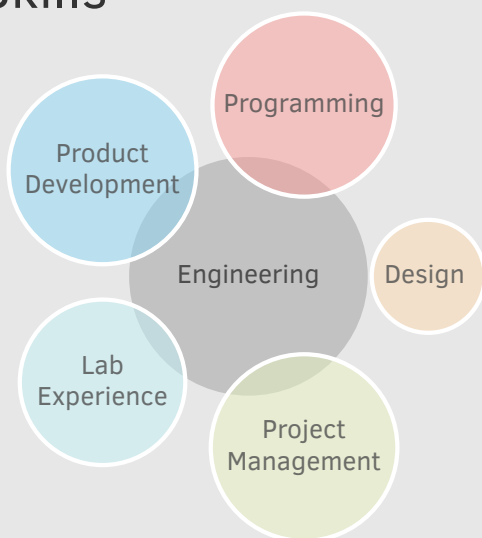
Engineer

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About me

Industrial engineering/entrepreneurship masters student and prior head of engineering and board member at hardware defense-tech startup. Experience with everything from mechanical and electrical to programming and design, as well as leading and managing teams.

Skills



English

Swedish

German

Mandarin

(*)[The skill scale is from 0 (Fundamental Awareness) to 5 (Fluent).]

interests

DeepTech, Robotics, Automation, Engineering Management, IoT, Synthetic Biology, Languages, Research & Development, Project Management, Product Management, Simulation, Ice Hockey, Badminton and Programming

work experience

- 2021-2024 **SOAL Marine** Gothenburg, Sweden
Founding Engineer/Head of Engineering and, Board Member.
-Managing development of various defense-tech hardware systems from idea to production.
-Developed Autonomous capability of system, Full development, hardware, electrical, software.
-Various operations and strategy tasks as needed and, sales pitches and presentations.
-Process development and automation combining engineering, sourcing/supply chain and, production
- Summer 2019 **Leybold GmbH.** Köln, Germany
Summer internship IoT software testing for vacuum pumps, Docker, MQTT, IoT Edge
- Summer 2019 **Toyota Material Handling Logistic Solutions AB.** Sweden
Summer internship Autonomous forklift warehouse mapping, 3D mapping

skills

- Design PCB Design, CAD 3D Design, Systems Design, KiCAD, Solidworks, Fusion
Programming Python, C++, Matlab, Labview, Java, R
Lab Experience Various lab experiments, optics, materials, solid state physics, simulation

education

- 2025- **KTH Royal Institute of Technology** Stockholm, Sweden
M.Sc. Industrial Engineering, Technology based Entrepreneurship
- 2018-2021 **Chalmers University of Technology** Gothenburg, Sweden
B.Sc. Engineering Physics
Thesis: Localization with a distributed antenna system
- 2016-2018 **Dulwich College Shanghai** Shanghai, China
International Baccalaureate diploma
- 2013-2016 **Boulder High School** Boulder, CO, USA
AP

extracurricular activities

- 2025 **Digital Health App** Gothenburg, Sweden
Digital Health App for preventative healthcare using wearables for more efficient heart palpitation treatment.
https://github.com/dpediaditis/heart_palpitation
- 2020-2024 **Solar Car** Gothenburg, Sweden
Co team leader Chalmers Solar Team building a solar race car. High Voltage Electrical architecture design, battery design and, systems control vehicle software. Race coordination, strategy simulation
- 2013-2018 **Robotics** Multiple Locations
First Robotics Competition, mechanical team lead and team captain in USA based team. Team captain in shanghai based team.

References Available Upon Request