

ALEXANDER ENGMAN

Materials engineer with a passion for developing new technologies



CONTACT INFORMATION

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PROFILE

</> IT skills

MatLab	●●●●●
TeX	●●●●●
MS Office	●●●●●
Arduino IDE	●●●●●
SolidWorks	●●●●●
Comsol	●●●●●
EAGLE	●●●●●
C#/.NET	●●●●●
C++	●●●●●
KLayout	●●●●●

Language skills

Swedish	●●●●●
English	●●●●●
Norwegian	●●●●●
French	●●●●●
Spanish	●●●●●

Personality

- Creative
- Organized
- Determined
- Leader
- Ambitious
- Detail oriented
- Fast learner
- Motivated
- Efficient
- Stress resistant

INTRODUCTION

I am an ambitious, motivated and passionate engineer with a huge interest for physics and designing cool things! My experience comes from working with development of products and processes in the electronics/semiconductor and medical device industries.

PROFESSIONAL EXPERIENCE

Working experience

Application Specialist

Ascilion AB

January 2024 - Ongoing Stockholm, SWEDEN

- R&D and product development/design
- Customer relations and business development
- Project management within medical device regulation (MDR)
- Medical device product development (ISO 13485, IEC 60601-1, IEC 62304)

Development Engineer

Ascilion AB

February 2021 - January 2024 Stockholm, SWEDEN

- SPC, AOI and development of semiconductor components.
- Software and hardware development
- Development and design of test systems and experiments

Process Engineer

Bright Day Graphene AB

June 2020 - January 2021 Stockholm, SWEDEN

- Process engineering and scaling of manufacturing.
- Electrochemistry and materials characterization

Summer internship

Mycronic AB

June 2019 - September 2019 Stockholm, SWEDEN

- Working with several projects relating to jet printing machines.

Miscellaneous experience

Master's thesis project

KTH Royal Institute of Technology

December 2019 - June 2020 Stockholm, SWEDEN

- Degree project in engineering physics, specializing in nanotechnology.

EDUCATION

Master of Science in Engineering

KTH Royal Institute of Technology

August 2015 - June 2020 Stockholm, SWEDEN

- Materials science and engineering, master's degree in nanotechnology.

OTHER

- Project management
- Drivers license B
- PCB design
- MEMS
- Product development
- Arduino
- SPC
- CAD
- SEM
- Electronics