

ALEXANDER ENGMAN

Materials engineer with a passion for developing new technologies



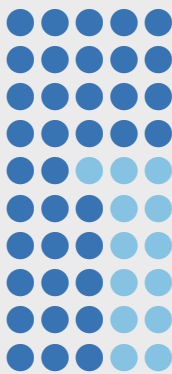
CONTACT INFORMATION

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Solna, SWEDEN
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PROFILE

</> IT skills

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



Language skills

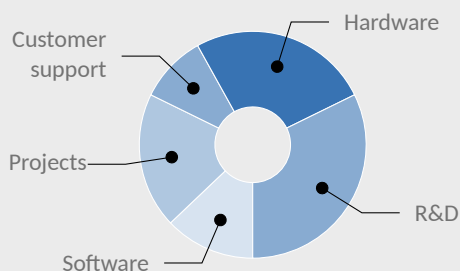
Swedish
English
Norwegian
French
Spanish



Personality

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

PREFERRED TASKS



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

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.

Course project *Hands-on Microelectromechanical Systems Engineering (EK2360)*

KTH Royal Institute of Technology

- October 2019 – January 2020 Stockholm, SWEDEN
- Design, cleanroom fabrication and evaluation of an optical MEMS-system.

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 SKILLS

Project management

Printed electronics

PCB design

MEMS

Product development

Arduino

SPC

CAD

SEM

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