

Otto Björkland

INDUSTRIAL DESIGN ENGINEERING / PRODUCT DEVELOPMENT

otto.bjorkland@gmail.com

ottobjorkland.com

linkedin.com/in/otto-björkland-26ba2a235

Rather talk than read?

ASK OTTOBOT ↑

About me

I grew up in the beautiful coastal town of Härnösand and now live in lovely Luleå. When I'm off, I enjoy working on my own projects in the school workshop, going to the gym, and hanging out or going on adventures with family and friends. When the snow falls in Luleå and nature sparkles, you'll most likely find me on a walk in the forest, recharging my energy.

Skills

DESIGN & CAD

Siemens NX, Autodesk Fusion, Alias, Onshape.

PROTOTYPING

3D printing, laser cutting, soldering, wood & metal workshop.

TECH & AI

Python, Arduino/C++, Raspberry Pi, HTML/CSS. AI-assisted workflows: Claude Code, Antigravity, Vizcom.

Interests

Robotics, AI, electronics, programming, Arduino & Raspberry Pi, 3D printing, space tech, VR and personal development.

Languages

SWEDISH

Native

ENGLISH

Fluent

SPANISH

Basic Knowledge

Education

Aug 2022 – Jun 2027 | **M.Sc. in Industrial Design Engineering**
Luleå University of Technology (LTU)
Specialization: Product Design

> Jan 2026 – May 2026 | **Exchange Studies**
> *Southwestern University, Texas, USA*
> Broadening design knowledge and perspectives with courses in drawing, psychology, art history, and engineering.
>
> Sep 2024 – May 2025 | **Mentorship program through LTU Business**
> Mentee with a mentor from Saab, focusing on professional development, networking, and career strategies.

Aug 2019 – June 2022 | **Upper Secondary Diploma, Technology Program**
Härnösands gymnasium
Specialization: Design & Product Development

Work Experience

Summer 2026 | **Product Development Intern**
Repello (Ozoneair sister company), Luleå
Conducted R&D for an ultrasonic insect repeller through a Kamprad Family Foundation scholarship. Co-developed a camera test rig to track live insect trajectories, while handling CAD modeling, 3D prototyping, electronics, and communication with senior designers and international suppliers.

Summer 2025 | **Guide & Tourist Information Officer**
Gammelstad Visitor Center, Luleå Municipality
Delivered bilingual tours at the UNESCO World Heritage Site while managing visitor statistics, retail sales, and international guest service.

Summer 2021 – 2024 | **Head Waiter, Server, Cleaner & Bartender**
Ulvö Hotell, Örnsköldsvik
Promoted from cleaner to head waiter over four seasons. Developed leadership, flexibility, and resilience by rotating between roles in service, bar, and operations.

Summer 2022 | **Project Member (On-demand)**
Absolicon Solar Collector, Härnösand
Further developed the high school diploma project AQPi into deployed air quality stations, combining sensor electronics, live web visualization, and an exhibition.

Extracurricular Experience

Sep 2022 – Present | **Designer**
Mytikas Rocketry Association, Luleå University of Technology

Oct 2019 – July 2022 | **Webmaster**
Rödhålsmalen Community Association

References

Available upon request