

HUGO SWENSON

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EDUCATION

Uppsala University

B.Sc. in Molecular Biotechnology Engineering

Aug 2014 - Jun 2017

M.Sc. in Bioinformatics

Aug 2017 - 2020

- Member of the election committee for the Molecular Biotechnology program, working with graphical design, photography & interviewing (2015).
- Head of IT & Design for The Science Student's Ball, working with graphical design, marketing, web design & event planning (2017).
- Member of the iGEM 2017 gold medal team for Uppsala University, working with lambda red recombination, primer design, bacterial culture growth & graphic design.
- Honorary member of the iGEM Uppsala association (2018).
- Masters thesis at the Department of Immunology, Genetics & Pathology at Clinical Genomics Uppsala. Focused on the development of a novel software in Python for detection of FFPE-artefacts in FFPE-sample sequence data (2019).

WORK EXPERIENCE

University of Gothenburg

Jan 2022 - Current

PhD Student

PhD Student for the Institute of Clinical Sciences - Department of Oncology, at the University of Gothenburg.

Academic Work

Sep 2020 - Dec 2021

Consultant/Development engineer

Software & Algorithm development in Python for Q-linea AB, Uppsala.

Randstad AB

Sep 2016 - Feb 2020

Entrepreneur

Cleaning & maintenance of laboratory equipment for Thermo Fisher Uppsala.

Media Markt

Jun 2015 - Aug 2016

Salesman

Floor salesman, with a focus on cameras & media products.

Paul Trollskog AB

Dec 2012 - Aug 2014

Salesman

Telephone marketing & sales for Swedish newspaper companies.

SKILLS

- Basic knowledge of software engineering principles & applications.
- Basic knowledge & experience regarding AI & Machine Learning methods.
- Experience in Unix/Linux.
- Experience in scripting languages: Python, R, Matlab, JavaScript.
- Experience in NGS bioinformatics toolsets & pipelines.
- Experience in managing scientific data & working on HPC clusters.
- Experience in source code repositories (Git, Bitbucket) & project tracking (Jira).
- Excellent oral & written communicative skills, with an emphasis on strong presentation skills.
- Experienced in sales & marketing.
- Good organizational skills, with the ability to handle multiple projects when required.
- Experience in working in a fast-paced team based environment with shared deadlines, communication channels & project tasks.
- Experience in Wet-lab workflow and techniques including: PCR, Gel-Electrophoresis, Western Blot, Bacterial culture growth, Lambda-red recombination, Mass spectrometry)

HOBBIES & PERSONALITY

Interests	Powerlifting, Philosophy, Nature, Painting & Design
Characteristics	Curious, Analytical, Passionate, Organized

REFERENCES

Claes Ladenvall, IGP UU:	claes.ladenvall@scilifelab.uu.se +46 702-214-585
Milicia Brungård, Thermo Fisher Scientific:	milica.brugard@thermofisher.com +46 707-976-342
Calle Rollne, Trollskog AB:	calle@trollskog.se +46 706-542-239