Philip Tunbjer

M.Sc. in Mechanical Engineering
Stockholm, Sweden
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Employment

2015-now	**Bjerking AB**, Stockholm (Sweden)
2015	**ÅF (now AFRY)**, Stockholm (Sweden)
2014-2015	**PRC Engineering AB**, Stockholm (Sweden)
2012-2013	**Axis Communications AB**, Lund (Sweden)
2010, 2011, 2012	**Hexicon AB**, Stockholm (Sweden)
2010-2011	**Linåkerskolan**, Svalöv (Sweden)
2008	**Fagerdala World Foams AB**, Bremen-Vegesack (Germany)
2007	**Sitel**, Barcelona (Spain)
2007	**Sony Centre**, Dublin (Ireland)
2006-2007	**Military service**, Revinge (Sweden)
2005	**H&M**, Dublin (Ireland)

Assignments

2022	**Project Manager**, Octapharma Sweden AB, via Bjerking AB - Manage the installation of a new distribution line for a part of the pharmaceutical production. Involving budget management, time planning, organizing various tasks for project members and following up on the progress.
2021	**Validation Engineer**, Cytiva Sweden AB, via Bjerking AB - Write installation and operational qualification protocols as well as comissioning protocols for various pumps and a loading/unloading system of solvent media.
2020-2021	**Project manager**, Cytiva Sweden AB, via Bjerking AB - Leading a team to investigate the possibility of optimizing current facilities (lab, offices, storage) comprising of about 16 000 m^2 for future staff expansion.
2014-2020	**Project manager / Project Engineer**, New Karolinska Hospital / Stockholms läns landsting, via PRC Engineering AB, ÅF and Bjerking AB - Procurement of and planning for medical device to be installed in new hospital environments. - Planning, CAD-coordination, public purchasing, delivery- and installation coordination, commissioning and handover of medical equipment, ranging from a hyperbaric oxygen chamber to examination lights.
2014	**Design Engineer**, Crucell Sweden AB, via PRC Engineering - Produce an updated P&ID-scheme using AutoCad for the part of the plant that handles steam and condensate.
2014	**Design Engineer**, Studsvik Nuclear AB, via PRC Engineering AB - Produce an isometry of a new sewer system using Plant 3D.
2013	**Design Engineer**, Axis Communications AB - Build a library of standard components using CAD and storing these with attributes in a database (Windchill).

Education

2007-2013	**Mechanical Engineering (M.Sc.)**, Faculty of Engineering at Lund University
2020	**Web Development I**, Stockholm University
2020	**Algorithms and data structures**, Uppsala University
2020	**Object oriented programming with Java**, Uppsala University
2019	**Scientific computing I**, Uppsala University
2004	**Mathematics Alfa**, Faculty of Engineering at Lund University
2001-2004	**Science programme**, Katedralskolan (upper secondary school), Lund

Certificates and Courses

CS50x, Cambridge Massachusetts Harvard Online — Link to certificate
Machine Learning with Python, Freecodecamp — Link to certificate
Information Security, Freecodecamp — Link to certificate
Data Analysis with Python, Freecodecamp — Link to certificate
Scientific Computing with Python, Freecodecamp — Link to certificate
Quality Assurance, Freecodecamp — Link to certificate
Back End Development and APIs, Freecodecamp — Link to certificate
Data Visualization, Freecodecamp — Link to certificate
Responsive Webdesign, Freecodecamp — Link to certificate
JavaScript Algorithms and Data Structures, Freecodecamp — Link to certificate
Front End Libraries, Freecodecamp — Link to certificate

Personal Projects

MERN Log — An app where users can write their own logs using `markdown`.
CV-generator — An app that creates standardized CVs from a LaTeX-template. Learned about Flask, Docker and Python.
LAMP Val — Facilitated specific validation work during an assignment.

Programming Languages

LaTeX   JavaScript   Python   SQLite   MySQL

Languages

Language	Speaking	Writing	Reading
Swedish	5	5	5
English	5	5	5
Spanish	3	2	2

Approximate grades according to http://www.govtilr.org/ (self-evaluated).