Philip Tunbjer

M.Sc. in Mechanical Engineering
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Sweden
Last updated: March 30, 2022

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

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).