

Philip Tunbjer

M.Sc. in Mechanical Engineering and a passion for programming.

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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

2021	Validation Engineer , Cytiva Sweden AB, via Bjerking AB <ul style="list-style-type: none">- Write installation and operational qualification protocols as well as commissioning protocols for various pumps and a loading/unloading system of solvent media.
2020-2021	Project manager , Cytiva Sweden AB, via Bjerking AB <ul style="list-style-type: none">- Leading a team to investigate the possibility of optimizing current facilities (lab, offices, storage) comprising of about 16 000 m² for future staff expansion.
2014-2020	Project manager / Project Engineer , New Karolinska Hospital / Stockholms läns landsting, via PRC Engineering AB, ÅF and Bjerking AB <ul style="list-style-type: none">- 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 <ul style="list-style-type: none">- 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 <ul style="list-style-type: none">- Produce an isometry of a new sewer system using Plant 3D.
2013	Design Engineer , Axis Communications AB <ul style="list-style-type: none">- 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).
