

# Philip Tunbjer

*M.Sc. in Mechanical Engineering*

Stockholm, Sweden

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## Employment

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

## Assignments

2022	<b>Part Project Manager</b> , Cytiva Sweden AB, via Bjerking AB <ul style="list-style-type: none"><li>- Manage the Basic Design development phase for process media within a larger project. The project encompasses the expansion of Cytiva's Custom Bioprocess Solutions (CBS) department.</li></ul>
2022	<b>Project Manager</b> , Octapharma Sweden AB, via Bjerking AB <ul style="list-style-type: none"><li>- 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.</li></ul>
2021	<b>Validation Engineer</b> , Cytiva Sweden AB, via Bjerking AB <ul style="list-style-type: none"><li>- Write installation and operational qualification protocols as well as commissioning protocols for various pumps and a loading/unloading system of solvent media.</li></ul>
2020-2021	<b>Project manager</b> , Cytiva Sweden AB, via Bjerking AB <ul style="list-style-type: none"><li>- Leading a team to investigate the possibility of optimizing current facilities (lab, offices, storage) comprising of about 16 000 m<sup>2</sup> for future staff expansion.</li></ul>
2014-2020	<b>Project manager / Project Engineer</b> , New Karolinska Hospital / Stockholms läns landsting, via PRC Engineering AB, ÅF and Bjerking AB <ul style="list-style-type: none"><li>- Procurement of and planning for medical device to be installed in new hospital environments.</li><li>- Planning, CAD-coordination, public purchasing, delivery- and installation coordination, commissioning and handover of medical equipment, ranging from a hyperbaric oxygen chamber to examination lights.</li></ul>
2014	<b>Design Engineer</b> , Crucell Sweden AB, via PRC Engineering <ul style="list-style-type: none"><li>- Produce an updated P&amp;ID-scheme using AutoCad for the part of the plant that handles steam and condensate.</li></ul>
2014	<b>Design Engineer</b> , Studsvik Nuclear AB, via PRC Engineering AB <ul style="list-style-type: none"><li>- Produce an isometry of a new sewer system using Plant 3D.</li></ul>
2013	<b>Design Engineer</b> , Axis Communications AB <ul style="list-style-type: none"><li>- Build a library of standard components using CAD and storing these with attributes in a database (Windchill).</li></ul>

## Education

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

## Certificates and Courses

<b>CS50x</b> , Cambridge Massachusetts Harvard Online	<a href="#">Link to certificate</a>
<b>Machine Learning with Python</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Information Security</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Data Analysis with Python</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Scientific Computing with Python</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Quality Assurance</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Back End Development and APIs</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Data Visualization</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Responsive Webdesign</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>JavaScript Algorithms and Data Structures</b> , Freecodecamp	<a href="#">Link to certificate</a>
<b>Front End Libraries</b> , Freecodecamp	<a href="#">Link to certificate</a>

## Personal Projects

<b>MERN Log</b>	An app where users can write their own logs using <code>markdown</code> .
<b>CV-generator</b>	An app that creates standardized CVs from a <code>L<sup>A</sup>T<sub>E</sub>X</code> -template. Learned about Flask, Docker and Python.
<b>LAMP Val</b>	Facilitated specific validation work during an assignment.

## Programming Languages

<code>L<sup>A</sup>T<sub>E</sub>X</code>	JavaScript	Python	SQLite	MySQL
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## 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).