


CV

Name	Sakari Huttu	
Year of birth	1993	
Education	Bachelor of Engineering (B.Eng), SEAMK University of Applied Sciences (2016)	
Years of work experience	7	
Job title	Structural Engineer	
Key qualifications	BIM, FEM, Elements design and calculations	
Language skills	Finnish, English, Swedish	

Work Experience

10/2022–	Rakennestudio Oy / Structural Studio Ltd	Structural Engineer
01/2017–09/2022	Sweco Structures Ltd	Structural Engineer/Project Engineer
03/2016–12/2016	Sweco Structures Ltd	Structural Engineer/Trainee
05 – 08/2015, 05 – 08/2014, 04 - 08/2012, 06 – 08/2011, 06 – 08/2010	Suomen Pientalosaneeraus Oy	Summer job/construction worker

Qualifications

2023	FISE certification grade V+ (difficult) Designer of concrete structures (until 06.09.2030)
------	---

Courses

2019	Project Management training (Sweco Academy, Silver)
------	---

Projects

2023-	<i>Koroppa III (Vantaa)</i> Structural design of a warehouse: precast structures. (8 000 m ²) Customer: Jatke Toimitilat Oy	Structural Engineer Grade: Difficult
2023-	Melkinlaiturin Pysäköintilaitos (Helsinki) Parking garage structural design and precast element shop drawings (14 000 m ²) 459 cars Customer: Fira Rakennus Oy	Structural Engineer Grade: Difficult
2023-	Lämpölaite Bio 5 (Raasepori) Heating power plant structural engineering of steel frame and concrete structures (600 m ²) Customer: Raaseporin Energia Oy	Structural Engineer Grade: Difficult
2023	KCM Kerava ja Oulunkylän K-rauta Steel canopies structural engineering Customer: Kesko Oyj	Structural Engineer Grade: Difficult
2022-	<i>As Oy Verkkosaaren Artus (Helsinki)</i> Precast residential buildings, structural design and precast design (S- SK- V- KE- CL- MP- P- and L- element types)	Structural Engineer Grade: Difficult
2023	<i>Verkkosaari blocks 10657 and 10652 parking (Helsinki)</i> Crane foundation design 4 pcs	Structural Engineer Grade: Difficult
2023	<i>Puotilan ostari (Helsinki)</i> Post-tensioned concrete structures (839m ²)	Structural Engineer Grade: Difficult
2022	<i>Rodoparkki (Helsinki)</i> Post-tensioned concrete structures (3141m ²)	Structural Engineer Grade: Difficult
2022	<i>HGIN Sara, Capella, Verkkoneula, parking (Helsinki)</i> Post-tensioned concrete structures (699m ²)	Structural Engineer Grade: Difficult
2022	<i>As Oy Espoon Vanbronpolku and Vanbronportti (Espoo)</i> Precast residential buildings, structural design and precast design coordination (S- KE- CL- MP- and LX- element types)	Structural Engineer Grade: Exceptionally difficult
2021-2022	<i>As Oy Espoon Vanbronniitty (Espoo)</i> Building stability design / Structural design, Precast residential building, structural design and precast design coordination (S- KE- CL- MP- and LX- element types)	Structural Engineer Grade: Exceptionally difficult
2020-2021	<i>Stockholm subway, station Järla (Stockholm, Sweden)</i> Structural design, detail design of the structures, steel structure ceilings	Structural Engineer Grade: Exceptionally difficult
2020-2021	<i>Stockholm subway, station Sickla, ticket hall/entrance area (Stockholm, Sweden)</i> Building stability design / Structural design	Structural Engineer Grade: Exceptionally difficult
2019-2022	<i>Tapiolan tuultenristi, Itätuuli residential building (Espoo)</i> Building stability design / Structural design and precast design coordination, model responsible Customer: YIT	Structural Engineer Grade: Exceptionally difficult

2019	<i>Lippulaiva, Block A and B (Espoo)</i> Modelling and designing shafts made from cast in place concrete and detail calculations of structures	Structural Engineer Grade: Difficult
2019	<i>Scania, Södertälje (Sweden)</i> Machine foundations Cast in place structures (Modelling of machine foundations and dimension- and reinforcement drawings and reinforcement lists) Customer: Sweco Sweden	Structural Engineer Grade: Conventional
2019	<i>Lounavoima, Eco-energyfactory (Salo)</i> Precast element design (socle-, sandwich-, partition wall- and landing-elements modelling and drawings)	Structural Engineer Grade: Difficult
2019–2020	<i>KV Konsuln (Sweden)</i> Office Building 24 000 m ² structural calculations, precast element design and modelling of the building Customer: Sweco Sweden	Structural Engineer Grade: Difficult
2019	<i>Retoriikka, parking house</i> Precast element design (socle-, partition wall-, and massive slab elements modelling and drawings)	Structural Engineer Grade: Conventional
2019	<i>Tolvåkersskolan (Sweden)</i> 2 pcs school buildings, precast element design, modelling and drawings Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2019	<i>Skurup Flintebro (Sweden)</i> Small residential buildings 3 pcs precast element design, modelling and drawings Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2019	<i>Reaktor Steens gate (Norway)</i> Precast element design (Landing- and stair elements modelling and drawings) Customer: Sweco Norge	Structural Engineer Grade: Conventional
2018	<i>Kläppens förskola (Sweden)</i> Project engineer/Precast element design (walls, stair flights, landings and massive slabs) Customer: YBT	Structural Engineer Grade: Difficult
2018	<i>Ø16 (Østensjøveien, Norway)</i> Workshop- and precast element design (walls, columns, massive slabs and steel frame structure design, modelling and drawings) Customer: Sweco Norge	Structural Engineer Grade: Difficult
2018	<i>Piteå Elfilter (Sweden)</i> Concrete structure frame stability analysis and structure calculations	Structural Engineer Grade: Difficult
2017	<i>Wood City, parking house (Helsinki)</i> Stability analysis and structure calculations	Structural Engineer Grade: Difficult

2017–2018	<i>Hasle skole (Norway)</i> Workshop- and precast element design (three school buildings including walls and steel frame structure design, modelling and drawings) Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017	<i>BSP-04 (Bjerkaker sjöpark, block B, Norway)</i> Landings, stair flights modelling and drawings Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017–2018	<i>BYPF (Byparken finnsnes, Norway)</i> Walls, columns, beams, landings and stair flights modelling and drawings. Also BYPF Auditorio: stairs, calculations, modelling and drawings Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017	<i>BSP-04 (Bjerkaker sjöpark, block C, Norja)</i> Landings, stair flights and prestressed balconies modelling and drawings Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017–2018	<i>LKAB Malmberget (Sweden)</i> Mining factory area, steel structure design, 3 pcs steel frame buildings, stairshaft, inside steel structures and pipeline Customer: Sweco Sweden	Structural Engineer Grade: Exceptionally difficult
2017	<i>Nokian hoivakoti (Nokia)</i> Care facility, precast element design, modelling and drawings Customer: City of Nokia	Structural Engineer Grade: Conventional
2016–2017	<i>SCA Project Helios (Sweden)</i> Pulp mill factory, precast element design, steel structure design, calculations, modelling and drawings Customer: Sweco Sweden	Structural Engineer Grade: Exceptionally difficult
2016	<i>Metsä Fibre "bio" pulp mill factory (Äänekoski)</i> Steel structure design Customer: Metsä Fibre	Structural Engineer Grade: Conventional