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# Joshua Bäckström

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## Employment

System administrator	MarketDirection	OCT 2022 – PRESENT
Stockholm		
• Full stack development, data analysis, designing and customer service		
• Implementation of survey projects, operation, quality assurance, development and maintenance of IT systems.		
Together with client managers and system managers, collaborate in the various phases of the survey projects concerning design, database management and presentation of results.		
Transcriber	Appen	JUN 2022 – OCT 2022
Remote		
• Transcribe and annotate sound files used for machine learning		
Receptionist	Swedish Tourist Association	JUN 2019 – AUG 2021
STF af Chapman & Skeppsholmen		
• Worked front desk, café and restaurant. Customer facing check-in/out, scheduling, serving and cooking		

## Languages and Technologies

- Proficient: C/C++, Python, Typescript/Javascript, HTML, CSS, Node.js, Git, Excel, Resolve, Forsta, Linux
- Familiar: React, Assembler, Godot, MySQL, MongoDB, Aseprite, Publili
- Prior Experience: Ada, VHDL, Unreal Engine 4, SFML/SDL

## Projects

- **Websites** Create, update and maintain websites. I maintain marketdirection.se, created the event deadwall.com and have assisted several companies in updating their own interface. **Javascript, HTML, CSS**
- **Web Quiz** A competitive multiplayer quiz game that anyone can play in their web browser. You can create private rooms with livechat and randomly generated quizzes. **Typescript, HTML, CSS, Node.js**
- **Hamster Mania** A 2-player 2D platforming game where you play against each other over web sockets. Eliminating each other by jumping on their head was encouraged. **C++, SFML, TinyXML-2**
- **Sky Writer** Physical alarm clock that displayed the time as hovering in front of you, accomplished by rotating an arm with LEDs and programming an ATmega8. Controlled by IR-emitter. **Assembler, microcontrollers**
- **Automation** Automation of games and programs. Primarily using selenium and OpenCV, games like Cookie Clicker and Seterra can be played automatically with a level of value consideration. Made a program that with a given search term automatically creates an image macro. **Python**

## Education

Linköping	Linköping University	AUG 2015 – JUN 2019
	• Bachelor of Science in Computer Engineering, Completed 135 credits	
Södertälje	S:ta Ragnhildgymnasiet	AUG 2011 – JUN 2014
	• Natural Science Programme	

## Additional

- Fluent in Swedish and English. Beginner Chinese and Japanese
- More details, projects and about me can be found here: [www.joshuabackstrom.com](http://www.joshuabackstrom.com)
- Personal interests are mahjong, mountain hiking, basketball and coffee