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Joshua Bäckström

github.com/frumsrekovni
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Education

Linköping	**Linköping University**	**AUG 2015 – JUN 2019**

- Bachelor of Science in Computer Engineering, 180 credits

Södertälje	**S:ta Ragnhildgymnasiet**	**AUG 2011 – JUN 2014**

- Natural Science Programme.

Languages and Technologies

- Proficient: Typescript, HTML, CSS, C/C++, Git, Visual Studio Code, Excel
- Familiar: Python, Assembler, Node.js, SFML/SDL, Godot Engine(GDScript), DaVinci Resolve
- Prior Experience: Ada, VHDL, MySQL, Emacs, Unreal Engine 4

Projects

- **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** A physical alarm clock that displayed the illusion that time was hovering in front of you, accomplished by rotating an arm with light-emitting diodes attached. Two digital times hovered that could be changed with an IR-emitter and let out a loud noise when the times matched. **Assembler**, **microcontrollers**
- **Pomodoro Technique Timer** A time management tool for the PC with the method developed by Francesco Cirillo. Work and rest time is entered at startup and it will loop between them with a noise. Total work time is saved between sessions in different categories. **Godot Engine(GDScript)**
- **Automation** Automation of several games and programs. Primarily using the selenium library known games like Cookie Clicker and Seterra the geography game 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**

Employment

Receptionist	**Swedish Tourist Association**	**JUN 2019 – AUG 2021**

STF af Chapman & Skeppsholmen
- Worked at the front desk, café and restaurant. All positions required direct contact with guests for check-in/out and serving. Countless unpredictable requests needed to be solved with enormous time pressure.

Traffic Flagger	**SVEAB**	**JUN 2015 – AUG 2015**

Barkarby
- Hired as a traffic flagger for rock blasting but also ended up being a reliable construction fence builder.

Additional

- Fluent in swedish and english
- All programming courses in university used linux while all personal projects was made using windows
- More projects, project details and code is available on my self-made web page: www.joshuabackstrom.com
- My face is visible on LinkedIn: linkedin.com/in/joshua-bäckström-91360b113