

Pushpinder Singh

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TECHNICAL SKILLS

- *Languages:* C & C++ (Proficient), JavaScript
- *Operating System:* Linux
- *Technologies / Frameworks:* HTML, CSS, Makefile, CMake, Shell, NodeJS, Boost C++ Libraries, ReactJS

PROJECTS

- **GROK** – A simple JavaScript Interpreter written in Modern C++. It uses Recursive Descent parser and Stack based virtual machine to execute the JavaScript code. Currently I am working on it.

Source Code: <https://github.com/princdaliwal/grok>

- **PEGIT** – Inspired from Git, it is a Source Code Management Tool written in pure C. It implements a subset of official Git commands like add, commit, reset, diff, checkout etc.

Source Code: <https://github.com/jspd-group/pegit>

- **CNOTE** – A simple command line application made for taking notes right from the command line written in C++. It uses JSON for Modern C++ and Boost C++ Libraries.

Source Code: <https://github.com/princdaliwal/cnote>

- **princdaliwal.github.io** – My website hosted on GitHub. Built using HTML5, CSS3, Animate.css, Hover.css, ReactJS and jQuery.

Website: <https://princdaliwal.github.io>

Source Code: <https://github.com/princdaliwal/princdaliwal.github.io>

- **16-bit Microprocessor Simulator** - Simulation of 16-bit Microprocessor in Proteus capable of addressing 4KB of memory with minimal yet complete instruction set.

EDUCATION

Course	Grades/ %	Year	University / School
B.E. (Computer Science & Engineering)	8.1 (Current GPA)	2014 – present	PEC University of Technology, Chandigarh
10 + 2 (Non -Medical)	92%	2013 – 2014	Government Model Senior Secondary School, Pheelkhana, Patiala

EXTRACURRICULAR ACTIVITIES

- Performed Bhangra at PECFEST – 2014.
- Attended 10 day ATC Camp at Ropar, Punjab in July, 2015.

ACHIEVEMENTS

- First Prize in Inter-Branch Volleyball tournament in 2014.
- Won KVPY Scholarship in 2014.

