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Education

- 🏛 Hakim-e Tus (Non-profit), **Software engineering**, 2 Semesters
- 🏛 Jihad-e Daneshgaahi of Mashhad (Junior), **Programming**, 3 semesters
- 🏛 Ferdowsi University of Mashhad (State), **English literature**, 3 semesters
- 🏛 Ferdowsi University of Mashhad (State), **French literature**, 3 semesters

Skills

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|---|---|
| ✓ Computer Science: | ✓ Programming Languages: |
| ✧ Operating Systems | ≡ C, C++ (Bare-metal, Network, Unix) |
| ✧ Embedded Development | ≡ D, Rust, Go (Modern, Robust) |
| ✧ Systems Programming, Scripting & TUIs | ≡ Java (VM-based, AoC'd) |
| ✧ Programming Language Theory | ≡ Nim, Pascal (Wirthian) |
| ✧ Computer Typesetting | ≡ x86-64 Assembly (GAS Syntax) |
| ✧ Compiler, Interpreter Construction; Back- & Front-end | ≡ OCaml, StandardML, Haskell (λ) |
| ✧ Xenophilic and Oikophilic VMs | ≡ R ⁷ RS Scheme, Racket (λ, S-Expr) |
| ✧ Assembler & Linker Construction | |
| ✧ Domain-specific Languages | ✓ Scripting Languages: |
| ✧ Grammars, Lexical Scanners & Syntactic Parsers | # Python, Ruby (General) |
| ✧ Computer Networks | # Awk, Perl (String Processing) |
| ✧ POSIX-Compliant Unix, Linux Programming Interface | # POSIX Shell, Bash, Zsh, Fish, Tcl (Shell/Extension) |
| ✧ Dynamic Programming, Greedy Algorithms, Memoization | # TeX, LaTeX (Typesetting) |
| ✧ Data Structures, Database Systems, Daemons | |
| ✧ Functional, Imperative, OOP Programming | ✓ Embedded Development: |
| ✧ String Processing | ■ MCU Encoding with C, Rust |
| ✧ Concurrent & Parallel Programming, Scripting | ■ Linux LKMs, RTOS's, Virtual Linux Drivers |
| ✧ Electronics Simulation | ■ BoardDev with ESP32, Arduino & RaspberryPi |
| | ■ Discrete & Analog Components |
| | ■ Board Debugging with Oscilloscope |
| | ■ SPICE |
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| | ✓ DevOps: |
| | ✧ Git, Docker, SSH |
| | ✧ VPS Configuration |
| | ✧ POSIX-compliant Shell Scripting |
| | ✧ Neovim, Tmux, i3 |