

# JAGGER DE LEO

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jcdl.net, github.com/jagger27

## INTRO

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Polyglot software engineer with development experience in full stack web, microcontrollers, and operating systems.

## EDUCATION

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**Bachelor of Computer Science with Honours** 2014 - 2021  
Carleton University, Ottawa, Canada

## SKILLS AND INTERESTS

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<b>Languages</b>	English, French, some Italian
<b>Programming</b>	Go, C++, C, JavaScript, TypeScript, Swift, Java, Kotlin, Python, Ruby
<b>Web Skills</b>	SQL, Node.js, Vue.js, WebAssembly, HTML, CSS, MongoDB, Nginx, Hugo
<b>System Admin</b>	bash, libvirt/QEMU/Linux KVM, Hyper-V, Docker, VMware
<b>Platforms</b>	macOS, iOS, Linux (Debian, Arch, Alpine, OpenWRT), FreeBSD, pfSense, Windows (AD)
<b>Miscellaneous</b>	L <sup>A</sup> T <sub>E</sub> X, CMake, git, VS Code, bash, ssh, (lots of misc. UNIX tools)
<b>Other Interests</b>	SerenityOS, Arduino, Gemini, Asterisk/SIP, homelabs, & all things open source.

## WORK EXPERIENCE

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**SerenityOS** Dec 2020 - Ongoing  
*Open source contributor*

- Application and feature development for an open source hobby operating system. Lots of bug fixes and issue reporting.

**Quantropi** Dec 2018 - Aug 2019  
*Intermediate Software Developer*

- Quantum security startup based in Ottawa
- Agile development
- Developed novel cryptography from scratch under guidance from multiple PhDs
- Mix of low level programming and high level application development
- Did various devops and system admin tasks

**Dept. of National Defence, DIMEI 3.7** Sep 2017 - Apr 2019  
*FSWEP Internship*

- Developed XML XSLT transformations and corresponding stylesheets
- Learned about various security standards such as ITSG-33
- Worked with STIG benchmark packages
- Some exposure to mission critical systems and protocols

## HOBBIES

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### Mechanical keyboards

- Building, designing, collecting

### Gardening

- Community gardening, sustainability, heirloom protection

## REFERENCES

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### **Anil Somayaji**

*Associate Professor — Carleton University*

- My honours thesis advisor
- Was a teaching assistant for several of his courses
- Contact: anil (at) somaspace.net