

## Khang Nguyen

### LANGUAGES

Language Name	Speaking Level	Writing Level	Comprehension Level
English	Fluent	Fluent	Fluent
French	Fluent	Fluent	Fluent
Vietnamese	Intermediate	Basic	Fluent

### EDUCATION

September 2017 - On going	<b>Bachelor of Applied Science Software Engineering COOP Program</b> University of Ottawa (Ottawa, Ont.) <ul style="list-style-type: none"><li>•Third year student</li><li>•University of Ottawa's admission scholarship (annual value of 3000\$)</li></ul>
September 2011 - June 2017	<b>English high school diploma with scientific focus</b> College Catholique Samuel-Genest (Ottawa, Ont.) <ul style="list-style-type: none"><li>•Graduated with a scientific program honor</li></ul>

### SKILLS

Software Engineering	<ul style="list-style-type: none"><li>•Comfortable in Java(Object Oriented), Javascript (NodeJS)(comfortable with asynchronous functions), C, pgSQL, YANG, JSON, BASH, C++, AutoHotKey, Selenium(Java), Assembly machine code and Python coding</li><li>•Comfortable with RHEL, CentOS, Junos OS, and ubuntu</li><li>•knowledge of gRPC and REST protocols</li><li>•knowledge of service router configurations</li><li>•Set up home automation server with homeassistant and pi-hole on Ubuntu</li><li>•Worked with Docker, Vagrant, npm, Jenkins, Git (GitLab), Confluence and JIRA</li><li>•In depth knowledge of web applications through automated web browsing scripts</li><li>•Applied knowledge of Python to code a snake game and utility tools (available on github)</li><li>•Coded an Encryptor, a strategy/casino game and utility tools on Java (available on Github)</li><li>•Coded a keylogger with C++ (available on github)</li><li>•Automated web browsing using selenium</li><li>•<a href="https://github.com/KhangNguyen3000?tab=repositories">https://github.com/KhangNguyen3000?tab=repositories</a></li></ul>
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Computer	<b>COMPUTER SOFTWARE</b> <ul style="list-style-type: none"><li>•Set up internal network for Hatran Blak-Ink Accounting, Bookkeeping &amp;Tax Services</li><li>•Shows good knowledge of Microsoft Excel and Google sheets functions, also Microsoft word, and PowerPoint</li></ul> <b>COMPUTER HARDWARE</b> <ul style="list-style-type: none"><li>•Built 2 computers in the last 5 years</li><li>•Periodically clean computers for Hatran Blak-Ink Accounting, Bookkeeping &amp;Tax Services</li></ul>
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Communication	<b>LANGUAGES</b> <ul style="list-style-type: none"><li>•Excellent knowledge of French, English, and Vietnamese (trilingual)</li></ul> <b>WRITING SKILLS</b> <ul style="list-style-type: none"><li>•Made elevator pitches in English and Software Engineering class</li></ul>
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- Made effective reports in English class

## VERBAL COMMUNICATION

- Communicated with customers ranging from 9 to 80 years old during lifeguarding job
- Taught customers how to swim during a lifeguarding job
- Defended position in English class

## Leadership

- Supervised lifeguards (8 employees from 16-20)
- Taught cadet recruits for the Governor General's Foot Guards Cadets
- Was leader of the field training exercises
- Kept cadets in line
- Answered any of their concerns

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## WORK EXPERIENCE

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January 7, 2019 - April 26, 2019

### SW Automation Specialist NSP/MDM

Nokia

- Developed MDM automation infrastructure
- Worked with Linux, JavaScript (OO), SQL, REST, NETCONF and CLI
- Worked with service router configuration and simulation
- Worked with YANG and JSON

June 11, 2018 - September 14, 2018

### CO-OP Student

Natural Resources Canada

- Helped test and develop Earth Observation Data Management System (Satellite Data Management) for the Government of Canada
- Developed AutoHotKey, Perl, C, Java, Selenium, and Katalon skills through scripting and testing
- Acquired debugging, logging, documenting, troubleshooting, and scripting skills through automating tests
- Improved communication skills through working with a small team and splitting the workload
- Automated web browsing using Selenium, AutoHotKey, and Katalon

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## OTHER WORK EXPERIENCE

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April 2015 - On going

### Lifeguard

City of Ottawa (Ottawa, Ont.)

- Showed teamwork skills while making rotation plans and sharing lessons
- Acquired communication skills while answering customer questions and teaching swimming lessons

June 2015 - September 2015

### Lifeguard/Swimming instructor

RA Center (Ottawa, Ont.)

- Acquired responsibility and cleanliness while picking up trash around the pool.
- Showed safety skills while doing pH and chlorine level tests.
- Developed responsibility skills while supervising children

June 2017 - September 2017

### Supervisor

City of Ottawa (Ottawa, Ont.)

- Developed leadership and communication skills while training new employees, supervising them during shifts, and conducting annual performance evaluations.

- Acquired problem solving skills when customers reported problems that needed to be solved

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## OTHER INFORMATION

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### Qualifications

- Lifesaving Instructor (2017)
- Advanced Lifesaving Instructor (2015)
- NLS - Pool (2015)
- Oxygen Therapy Certification (2017)

### School Club

- Member of school ski club (2012-2016)
- Volunteered as an announcer for improve tournament
- Was part of school programming club
- Danced in the school talent show