# Pierre Guidez

## Education

**University of Waterloo**
(Sept '14 - Sept '19)
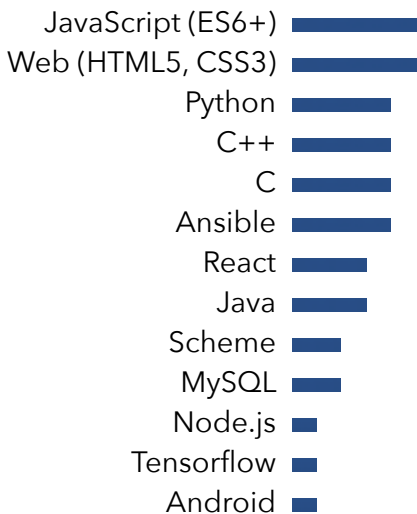Candidate for **Bachelor of Computer Science**
- Software Engineering Option
- Political Science Minor

**President's Scholarship** ('14)

Taking courses on *Operating Systems, UX, Machine Learning, Software Architecture, Concurrent Programming*

## Skills

*From proficiency to familiarity*

- JavaScript (ES6+)
- Web (HTML5, CSS3)
- Python
- C++
- C
- Ansible
- React
- Java
- Scheme
- MySQL
- Node.js
- Tensorflow
- Android

## Work Experience

### Software Engineering Intern — Google
*Javascript, Google Closure Compiler, Internal frameworks* (Aug - Dec '18)
- Developed features for an upcoming web consumer product
- Used unit, integration, and UI testing frameworks to validate solutions

### Software Developer Intern — Loblaw Digital
*Python (Django), Docker, AWS, Web* (Jan - Apr '18)
- Developed a CMS, improving the API speed and latency to handle thousands of requests per second
- Took initiative to identify weaknesses and improve CMS in order to successfully expand its use to multiple production teams and businesses
- Validated solutions through unit, integration and stress testing

### Instructional Support Assistant — University of Waterloo
*C++, Scheme, MIPS, Bash* (May - Aug '17; part-time in '18, '19)
- Managed a 300-student second-year course
- Prepared and led weekly tutorials
- Wrote code solutions, marking schemes, coordinated TAs for marking

### Developer (Intern) — Export Development Canada
*VB.NET, VBA, Filemaker* (Sept - Dec '16)
- Built and deployed tools to automate repetitive tasks, optimize internal workflows, and limit data integration problems, resulting in ~40% time savings overall
- Closely collaborated with various teams to document current processes in order to optimize and standardize business practices
- Assisted the creation of a system architecture proposal for a data analysis platform

## Achievements

Recreational Pilot License ('13)
Royal Conservatory of Music, Piano (VIII), Theory (III) ('08)

## Projects

A python-based music scraper and ID3 tagger
inPathways: React prototype for LinkedIn design project
Lecture drop-in: app to help students audit courses for free

## Volunteering

UW Bike Centre ('18 - Current)
Peer Helper, Franco-Cité ('11-'14)
Database Manager, Kiwanis ('10-'12)
Production Assistant, Rogers TV ('10-'12)

## Other Interests

Aviation & flying
Political science
Fiction
Cooking & fitness

## Contact

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