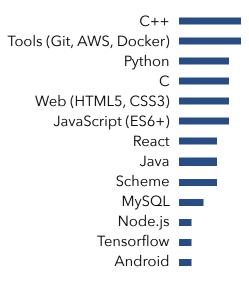
# **Pierre Guidez**

Passionate about using software engineering to solve complex problems and driven to take on greater challenges

### **Skills**



## **Projects**

A python-based music scraper and ID3 tagger inPathways: React prototype for LinkedIn design project Lecture drop-in: app to find interesting lectures to sneak into An app to auto-enroll in courses Various tweet bots

### **Achievements**

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

## **Work Experience**

#### Software Developer

Python (Django), Docker, AWS, Web

Loblaw Digital

(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
- Participated in code reviews, release planning, solutioning

#### **Instructional Support Assistant**

University of Waterloo

C++, Bash, Scheme

(May - Aug '17)

- Managed a 300-student second-year course
- Prepared and led weekly tutorials
- Wrote code solutions, marking schemes, coordinated TAs for marking

#### Developer

**Export Development Canada** 

VB.NET, VBA, Filemaker

(Sept - Dec '16)

- Built, tested, 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 and prepare for process re-design
- Supported the production of a system architecture proposal for a data analysis platform

### ts 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

Algorithms, Operating Systems, UX, Machine Learning, Software Architecture, Data Structures, Concurrent Programming

### **Volunteer Work**

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

Other Interests Contact

Aviation & flying Political science Biking & fitness

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