














Pierre Guidez

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

Skills

C++ 
Tools (Git, AWS, Docker) 
Python 
C 
Web (HTML5, CSS3) 
JavaScript (ES6+) 
React 
Java 
Scheme 
MySQL 
Node.js 
Tensorflow 
Android 

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)

Volunteer Work

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

Work Experience

Software Developer

Python (Django), Docker, AWS, Web

- 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

C++, Bash, Scheme

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

Developer

VB.NET, VBA, Filemaker

- 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

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

Other Interests

Aviation & flying
Political science
Biking & fitness

Contact



github.com/guidezpl

[guidez.pl](mailto:guidez.pl@gmail.com)

guidez.pl@gmail.com

[linkedin.com/in/pierrelouisguidez](https://www.linkedin.com/in/pierrelouisguidez)