

# Maciej Wojciech Wlazło

## Junior Software Developer

Date and Place of Birth: 02.11.1993, Kraków

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### Work experience

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#### Intern

07.2016 - 09.2016

[Samsung Electronics Polska Sp.z o.o](#)

Member of the Network team responsible for the development of Operation, Administration and Management(OAM) software for 5G base stations.

- Discussed and proposed design elements of server and client simulator programs during team meetings.
- Responsible for the implementation of client-side programs for handling xml-rpc messages. (Python)
- Made adjustments to the server xml-rpc server-client communication modules. (C++) Routinely documented my code in Doxygen.
- Upgraded the test management GUI application's copy & paste functionality. (Java, Swing)

### Projects

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#### LTO-7 Tape Library Management Application

[Bachelor Thesis assignment](#)

The purpose of my BA dissertation was to create a web application for the management of a LTO-7 tape library. The main objective of the project was to design and implement a suitable search engine that would enable users to successfully find files stored on tapes.

- Designed a minimalistic UI interface based on the project requirements.
- Designed the structure and created the database using MySQL.
- Implemented server routing using the Express.js and Node.js environment.
- Successfully created the search engine with additional filter functionalities
- Enabled user authentication using the Passport.js module.
- Created an automatic import functionality for populating the database using a custom parsing function and the Dropzone.js module.
- Used the Embedded Javascript template engine for building final html files.

## Route Finder

[End of term project for the Python course](#)

Utilized the Wikipedia API to calculate routes between articles. I used Python's request library to gather data from the Wikipedia API and the BFS algorithm to calculate routes and distances between articles. Created a GUI interface using the Tkinter library

## Education

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Bachelor Degree in Computer Science with honours <a href="#">Jagiellonian University</a>	2013 - 2017
The August Witkowski 5th High School	2009 - 2012
International School of Düsseldorf	2000 - 2006

## Programming Languages

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HTML	★★★★☆
CSS	★★★☆☆
Javascript	★★★★☆
Python	★★★★☆
Java	★★★☆☆
C/C++	★★☆☆☆
SQL	★★★☆☆

## Software & Technologies

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### Libraries & Environments

- Node.js ★★★★★
- Express.js ★★★★★
- jQuery ★★★★★
- React.js ★★★★★

### Operating Systems

- Microsoft Windows
- Linux

### Tools

- Atom
- Eclipse
- PyCharm
- git
- Perforce P4V

## Languages

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- Polish - mother tongue
- English - C2
- German - B2

## Accomplishments

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- Bachelor Degree with Honours (Jagiellonian University)
- Dean's Scholarship for the Best Students (Jagiellonian University)
- English Language Olympiad Laureate (Middle School)

## Interests

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Football, architecture, transportation

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*I hereby agree to the processing of my personal data included in my job application in the recruitment process (According to the law of personal Data Protection from 29 August 1997, Dziennik Ustaw no.133 item 883)*

*Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w mojej ofercie pracy dla potrzeb niezbędnych do realizacji procesu rekrutacji oraz po jego zakończeniu na potrzeby kolejnych rekrutacji (zgodnie z ustawą z dn. 29.08.1997 r. o ochronie danych osobowych, Dz. U. nr 133. poz.883).*