

# Maciej Rapacz

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## EDUCATION

2018 - 2019

(expected)

**AGH University of Science and Technology in Kraków**

Master's Degree, Computer Science

2014 - 2018

**AGH University of Science and Technology in Kraków**

Bachelor's Degree, Computer Science

Final grade - 4.5 / 5.0

2011 - 2014

**5th August Witkowski High School in Kraków**

Extracurricular Algorithms and Data Structures classes under the patronage of Jagiellonian University

## EXPERIENCE

6/2018 - Present

San Francisco,  
California, US

**Software Engineering Intern at Yelp**

Working on Yelp's landing page and leading an experiment on Yelp's business pages.

*(Technology stack: Python, Cheetah templates, JavaScript)*

4/2018 - 6/2018

Kraków, PL

**Cloud DevOps Engineering Intern at Samsung**

Built an internal tool which allowed for a high-level Jenkins slave management. Automated processes for building and releasing internal rpm packages using Jenkins.

*(Technology stack: Python, Ruby, Jenkins, Vagrant)*

7/2017 - 9/2017

Hamburg, DE

**Software Engineering Intern at Yelp**

Designed and implemented various mobile API endpoints. Introduced microsecond precision in my team's logs - updated both the way we were logging the events in code and later the table schema in Yelp's data warehouse where the logs were stored.

*(Technology stack: Python, Pyramid, Swagger, mypy, Splunk, Amazon Redshift)*

8/2016 - 9/2016

Kraków, PL

**Backend Developer at SkyGate**

Designed and built a proof of concept of a web platform for a finance company.

*(Technology stack: Python, Django REST framework, Vagrant, Ansible, PostgreSQL)*

## PROJECTS

<u>Aion</u>	<p>My bachelor's thesis. An e-learning platform based on real-time gameplay developed in a group of three. A single page app relying on Elm's websockets and Phoenix's channels. I focused mostly on the backend side of the platform, deployment of the project to a VPS and configuration of the CI/CD.</p> <p><i>(Technology stack: Elixir, Phoenix, Elm, Travis CI)</i></p>
<u>MQTT-Network</u>	<p>A solo educational project. A distributed system using the MQTT protocol, analysing temperature changes in different parts of a building, storing the data in a PostgreSQL database and displaying charts on a local network server.</p> <p><i>(Technology stack: NodeMCU, Lua, Raspberry Pi, Python, Django, Mosquitto)</i></p>
<u>Bomberman</u>	<p>A simple multiplayer terminal game written together with my friend during a Python &amp; Linux course we led for high school students.</p> <p><i>(Technology stack: Python, curses, asyncio)</i></p>

## SKILLS

Languages	Python, Elixir, SQL, Elm, Java
Technologies	Linux, Git, Functional Programming

## LANGUAGES

Polish	native
English	proficient (C2 – certified by Cambridge)
French	upper intermediate (communicative)
Arabic (MSA)	basic
Swedish	basic

## EXTRA ACTIVITIES

2016 - present	Instructor at the EU Educational Program <u>Małopolska Chmura Edukacyjna</u> . Prepared a course consisting of series of lectures and workshops on web development, Linux and Python for student scientific groups from various high schools in the Lesser Poland region.
2015 - present	Member of <u>BIT Scientific Group</u> at AGH, <b>AI and Algorithmics</b> sections
2014 - present	Maths & English Tutor for primary and high school students