Warsaw, Poland GitHub

Szymon Tomulewicz

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I am a full-stack software engineer especially interested in building magical mobile experiences, scaling systems up, and shipping reliable applications. **Note: use the summary when it makes sense.**

Work Experience

Backend Developer Intern

Indoorway

07/2018 - 10/2018

Warsaw, Poland

- Results, impact and your contribution
- Developed REST and GraphQL APIs with Ruby on Rails, Postgres/PostGIS.
- Developed office traffic simulations for business visualizations.
- Agile?

Full Stack Developer

Kalkulator Maturalny

01/2018 - 12/2018

Remote, Self-employed

- Highly impactful helping thousands of high school student pass their oral exams each year.
- Built the website from scratch in a team of 2, to supersede and compliment existing Facebook communities.
- Solved problems such as moderation and traffic-stealing bots.
- Full stack development with PHP, JavaScript, HTML5.

Languages, Technologies, and Tools

Languages: Python (Django, Pandas), JavaScript (basics of React), C#, C/C++, HTML5/CSS.

Technologies: Git, Linux, Docker, MySQL, Postgres, Bash, Jupyter.
Other: Data structures and algorithms, design patterns.

Projects

- **Multi-agent system** for developing and testing negotiation models in an Industry 4.0 setting. Multi-threaded, with *QT5* front-end and *Sphinx* documentation. (GitHub)
- App for presenting VRP solutions React front-end, async workers with WebSocket communication. (GitHub)
- Data analysis of various stackexchange.com archives Processed gigabytes of real-world data. (GitHub)
- Simple 3D engine Uses a third-party lib with little documentation. Taught me to read legacy code. (GitHub)

Education

• **B.Sc. Computer Science,** Warsaw University of Technology, MiNI faculty.

2017 - Present

Interests

- Slowly exploring machine learning, natural language processing, and digital signal processing.
- Contemporary, electronic, experimental, and jazz music. Music composition and production.

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