

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
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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
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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

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- 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

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- **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

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| • B.Sc. Computer Science , Warsaw University of Technology, MiNI faculty. | 2017 – Present |
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Interests

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