

# Artur Mostowski

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## Experience

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### Currency One SA

Software engineer in "Banking Domain" team

Poznan, PL

September 2020 – currently

Software engineer in "Walutomat.pl" team

May 2019 – August 2020

## Education

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### Poznan University of Technology

Master of Science in Computer Science; Intelligent Decision Support Systems

Poznan, PL

May 2020 – June 2021

### Poznan University of Technology

Bachelor of Science Engineer in Computer Science

Poznan, PL

September 2016 – April 2020

Thesis title: Optimization of algorithms for discovering spatio-temporal collocation patterns

Finished with grade 5 (in range 2-5), continuously awarded **Rector's Scholarship**

## Languages and technologies

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- Banking Domain team: Node.js, Vue.js, CoffeeScript, Ruby (with Watir), PostgreSQL
- Walutomat.pl team: microservices architecture built with Docker and Kubernetes in Java, Kotlin, Node.js (both with JavaScript and Typescript); frontend in React.js, Angular.js, and Elm.js; databases in PostgreSQL and Mongo; API in Swagger
- Academically: B.Sc. Thesis project written in GoLang; Oracle database, ANSI C, C++, Java, Jupyter Notebook, Python (both for classic algorithms and Machine Learning), Prolog
- As hobby: Haskell, Unity Engine, React Native, Svelte.js
- Tools: Git Version Control System, Jira, MS Office, L<sup>A</sup>T<sub>E</sub>X

## Favourite projects

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### Work related:

- TODO  
Technologies: TODO

### Academic:

- Program communication with the database to simulate the university website with student profiles.  
Technologies: node.js, Oracle Database, Express.js
- Program that recognises gameboard state in the tabletop game "the Settlers of Catan".  
Technologies: Java, javafx
- Terminal based RTS game for 3 players with multithreaded server.  
Technologies: ANSI-C

### Personal:

- Android app that monitors my highschool's website for substitution information and notifies the user.  
Technologies: Kotlin
- Joke-project: program that communicates with Walutomat API and repeatedly orders selling of one's assets at the best available price thus causing one to lose money.  
Technologies: TypeScript

## Other skills and assets

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- Cambridge First Certificate in English (FCE): grade B June 2013
- Known Languages:

Polish	English	German	Swedish	Italian
<i>native</i>	<i>professional</i>	<i>advanced</i>	<i>basic</i>	<i>basic</i>
- Teaching Computer Science in 51<sup>st</sup> Elementary School in Poznan as a volunteer September 2016 – June 2017
- Tutoring undergraduates and High School students in Mathematics, Physics, and Programming
- Polish driving licences: A2, B
- Love and strong drive for self-improvement and learning new abilities