

# Patryk Kozłowski

## Software Developer

## LANGUAGES I SPEAK

English, Polish

## EXPERIENCE

### Financial Modeling Prep

#### ■ Software Developer Mar, 2020 - Present

Worked mainly in Javascript and Python. Improved SEC parser algorithm that led to big decrease in runtime while maintaining high accuracy. Developed multiple NLP algorithms for extracting data from text. Redesigned and developed new website design and new features like admin panel, trading panel. Created backend infrastructure in Node.js.

## MY PROJECTS

#### ■ Learning Hub Jan, 2021

I created platform where i can make courses to help others with learning and me at the same time. It tracks your progress to keep you motivated.

#### ■ A\* visualization Aug, 2020

It's a visualization for a fastest pathfinding algorithm done by a binary heap. You can add walls to the grid and move points.

#### ■ Bored Oct, 2019

My first big vanilla JS project. In this application you can add other people to your friend list and organize meetings or parties with your friends.

#### ■ Trader24 Dec, 2020

Application for trading US stocks in real time with virtual money. You are able to open position, keep track of it and then sell. I fully designed it and programmed.

#### ■ SocialMe Feb, 2020

It uses Facebook and Instagram API to fetch basic information about your pages and it displays them as analytics.

## LINKS

Patryk Kozłowski

pat.kozlowski00@gmail.com

[github.com/SongoMen](https://github.com/SongoMen)

[songomen.github.io/portfolio](https://songomen.github.io/portfolio)

[codewars.com/users/SongoMen](https://codewars.com/users/SongoMen)

[linkedin.com/in/patryk-kozlowski/](https://linkedin.com/in/patryk-kozlowski/)

## MY STORY

I started programming when i was 14. I used to create games back then. Now I am learning web development for over 4 years. Over these years I learned about problem solving, front-end, back-end and understood what programming really is. My goal is to work more with algorithms and solve complex problems.

## WHAT I KNOW

HTML	I built multiple simple and complex websites. I know semantics and BEM.
CSS	I know how to style website. Made responsive websites. Used flexbox and grid. I also know SASS.
JS	I know arrow functions, IIFE, async etc. I created one application in pure JavaScript and developed backend in Node.js.
Git	I make few thousand commits yearly so i know basic things like branches, pull requests or solving conflicts.
React	I created multiple big applications from scratch. Used Jest for testing actions, interactions etc. Used Redux as state container but also plain React context.
Vue	I know basic files structure, syntax, events, SSR etc. I created big SSR website using Nuxt.js.
Python	I know things like classes, multi-threading, sqlalchemy. I have experience creating multiple scripts that are often relying on performance. Also little experience with PyQt5 for desktop apps
Algorithms	I know basic data structures and algorithm things like recursion, binary search, DP, NLP, BTree and big O notation. I keep learning more about it by solving problems on Codewars.
Other	I also have worked and know at basic level: AWS, PostgreSQL, Figma, Photoshop, Firebase and Webpack.