IGOR PIDIK

SOFTWARE ENGINEER

PERSONAL PROFILE

I am a passionate and hardworking student/part-time engineer who enjoys problem solving and taking complex systems apart and rebuilding them simpler. I am fascinated with machine learning and in particular with natural language processing. Furthermore, I am eager to face new challenges and love experimenting with new technologies/approaches/designs/models. Most of my free time is spent on hobby projects, gym, MOOCs, trying to get better at writing and too many movies/TV-shows.

SKILLS AND ABILITIES

- Able to grasp new concepts quickly
- Software Engineering
- Software Architecture
- Machine Learning
- Data science
- Problem Solving Skills
- Communication Skills
- Can exit VIM in one try

TECHNICAL SKILLS

- Python, Golang, TS/JS, Swift, Kotlin, Java, C/C++, PHP, HTML, CSS
- Django, Flask, React, Vue, Qt, Laravel
- REST, gRPC, GraphQL
- PyTorch, TF (+ Keras)
- Docker, k8s, CI/CD

ONGOING HOBBY PROJECTS

- **IVA:** Building a virtual assistant/smart home system and everything that comes with it (github)
- **Many more**: Many more projects related to backend/frontend/mobile/smart contracts/NFT authentication and more can be found on my personal website & github

CONTACT DETAILS:

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- ⌨ https://github.com/IgorPidik

WORK BACKGROUND

BACKEND ENGINEER
AG5, Amsterdam, NL, 2023 - Present

NLP RESEARCH INTERNSHIP
Findest Amsterdam, NL, 2022 - 2022

- Worked on a projects centered around mapping of natural language to searchable query and document retrieval
- Applied techniques from information extraction, information retrieval, summarization and related tasks to real world problems
- Deepened my understanding of CRF, self-attention, transformers and generative models

PART-TIME SOFTWARE ENGINEER
Verifai, Groningen, NL, 2017 - 2022

BACKEND
- Built and maintained APIs for both SDKs and customer-facing apps
- Built features for our customer dashboard
- Worked on crucial parts of our services such as onboarding, billing, team/role management
- General maintenance & bug fixing

WEB APP
- I have partaken in developing a react Web SDK

ANDROID
- Partaken in an almost complete "do-over" of the android SDK
- Among other parts of the project, I worked on handling large number of screens and flows, where a solid navigation system became necessary
- Leveraging activities, their fragments and the coordinator pattern enabled me to create a system where existing flows could be easily modified/extended or completely new flows could be easily incorporated

ACADEMIC BACKGROUND

UNIVERSITY OF GRONINGEN
MSc in CS: Data Science and Systems Complexity, 2021 - 2022

- Strong focus on ML and NLP

UNIVERSITY OF GRONINGEN
BSc in Computer Science, 2017-2021