ARTEM KOBZAR

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RECENT EMPLOYMENT

Senior Software Engineer, Wrike   **Aug 2019 – May 2020**
- Designed a development analytic process from scratch.
- Built analysis platform with Analysis as a code approach.
- Designed, developed, and supported Knowledgebase (an API with analytic information about companies projects).
- Built code editor extensions and CI/CD webhooks for better DX

Software Engineer, Hell Yeah LLC   **Feb 2019 – Aug 2019**
- Built crossplatform cryptography library for JavaScript with DSA schemas implementations (ed25519, secp256k1, bls12-381) and hash functions (ripemd160)
- Reduced the size of the chokidar package by 17x times.
- Boosted performance at 200% of readdirp by using Stream pattern with backpressure and iterative algorithms instead of recursive.

Middle JavaScript Developer, WookieeLabs   **Dec 2017 – Feb 2019**
- Implemented React Native module for declarative and fast animations for the doc.ai project.
- Implemented a service for fast every month update of Countries/Cities database for Avisare project.
- Developed customers filtering bot for the NextLead project.
- Developed webpages constructor for the NextLead project.

EDUCATION

National Technical University "Kharkiv Polytechnic Institute"   **2015 – 2021**
- B.Sc in Computer Engineering, June 2019. GPA: 3.0 (ECTS: 86/100)
- M.Sc in System Programming, in progress (in progress until June 2021)

TECHNICAL EXPERIENCE

Projects
- **Hegel** - a static type checker for JavaScript with high-level type inference (Hindley-Milner algorithm) and a strong type system (without implicit and explicit type cast).
- **sweet-monads** - zero-dependency monads for TypeScript.
- **Noble Project** - pack of libraries which includes: ripemd160 hash function and secp256k1, ed25519, bls12-381 digital signatures schemas.

Additional Experience
- **Instructor (from 2017):** teach students at JavaScript.Ninja Project.
- **Technical Podcaster (from 2019):** do a podcast about compilers and engines for languages. UnderJS.
- **Technical Conference co-organizer (from 2019):** co-organize HolyJS (one of the largest conferences of East Europe).

Languages and Technologies
- **Primary:** JavaScript, TypeScript, C++, SQL.
- **Secondary:** Dart, Kotlin, Python.
- **Basic Knowledge:** Haskell, OCaml, Java, GoLang, Ruby, Elixir.