

Fedor Paretsky, Software Engineer

CONTACT

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SUMMARY

Infrastructure, platform, and backend-focused engineer with a passion for building efficient and reliable technology.

SKILLS

Infrastructure/Platform: Terraform/Terragrunt/HCL, AWS, GCloud, Heroku

Tooling: Docker, Unix/Shell, C++

Backends: NodeJS, GoLang, PostgreSQL, Redis, Python

Application Development: ReactJS, NextJS, GraphQL

EDUCATION

University of Washington

Sep '16 — Jun '19

BSc, Unfinished *Applied Physics and Mathematics*

EXPERIENCE

Newfront - Senior SWE

Jan '21 — Present

- Leading migration of over twenty micro-services and datastore infrastructure services to AWS Landing Zone
- Developed client, policy, and files search indexer services.
- Developed first prototype GraphQL service with in-house query extraction/safelisting toolset.
- Completed several large-scale service migrations to help deploy monolith service 3x faster.

Newfront - SWE

Dec '19 — Dec '20

Newfront - Intern

Jun '19 — Dec '19

Washington Hyperloop - Engineer, Controls/Power

Feb '19 — Aug '19

- Participated in the 2019 SpaceX Hyperloop Pod Competition.
- Developed pod network interface, integration testing platform for onboard communications and pod control safety systems.
- Interfaced with network hardware to create a high-throughput/low-latency protocol.
- Built git diff system for visualizing circuit-board (PCB) changes via design language.

aspace - Co-founder

May '18 — Nov '18

- Built app and sensor infrastructure/hardware for machine-learning parking availability conditions, optimizing driving/transit routes for maximizing parking availability.
- Built an accommodating iOS and Android app that uses live data to navigate commuters to cheap/remote parking spots, using last-mile transit to get to destination.
- Y Combinator W19 interview and Y Combinator 2018 Startup School.

Metrix Create:Space - Lead Intern

Feb '16 — Sep '16

- Repaired and refurbished industrial-grade machinery, assisted with completion of orders.

VOLUNTEERING

Hack Lodge - Organizer

Mar '19 — Present