Fedor Paretsky

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EDUCATION

UNIVERSITY OF WASHINGTON | BS Applied Physics and Mathematics   Seattle, WA | Sep. 2016 - Jun. 2020

GARFIELD HIGH SCHOOL | High School Degree   Seattle, WA | Sep. 2012 - Jun. 2016

EXPERIENCE

NEWFRONT INSURANCE | SWE Intern   newfrontinsurance.com - San Francisco, CA | Jun. 2019 – Present

- Working with modern TypeScript, Go, Next.js, and Heroku technologies
- Converting backend and frontend interfacing technologies to Apollo GraphQL

ASPACE, INC. | Co-Founder/CEO   trya.space - Seattle, WA | May 2018 – Nov. 2018

- Built an app/sensor infra. that uses live data to connect commuters to cheap, remote parking spots, using last-mile transit to get to destination.
- Created infrastructures for Machine-learning parking behavior, optimized routes with parking vacancy variables, created hardware sensors for detecting parking spot vacancy, built Android and iOS apps, and accompanying backend
- Y Combinator W19 Interview and Y Combinator 2018 Startup School (YC SS18)

SRND.ORG (STUDENTRND) | Code Evangelist®   srnd.org - U.S.A. | May 2016 – Nov. 2018

- A StudentRND Code Evangelist® goes out into the world to spread a love of code with StudentRND, a non-profit getting students excited and involved in CS. Code Evangelists are day-of coordinators, assisting with various event logistics.

UNIVERSITY OF WASHINGTON HOUSING & FOOD SERVICES | Resident Advisor (RA)   Seattle, WA | Sep. 2017 – Mar. 2018

- Resident Advisors (RAs) work in the UW residence halls to establish a cohesive and responsible community in their designated area, model and support issues related to diversity, and refer, advise, and support residents.

METRIX:CREATE SPACE | Lead Intern   metrixcreatespace.com - Seattle, WA | Feb. 2016 – Sep. 2016

- Maintained hacker space and repaired/refurbished professional/industrial-grade machinery
- Technologies used: Large- and small-scale 3D printers, industrial laser cutters and PCB printers, CNCs

SKILLS

Programming Languages	Java, Python, JavaScript, HTML/CSS, node.js, Arduino, Lua
Web Frameworks	Nginx, Apache, Express, web.py
Databases	MySQL, NoSQL, Realm, Firebase
Cloud Computing Platforms	DigitalOcean, Amazon Web Services, Google Cloud Platform
Mobile Development	Android (Java), iOS (Swift)

PROJECTS

UW HYPERLOOP | TypeScript, Ballerina, Drone, Arduino, C++, Go, Python   https://hyperloop.io
Controls and Powers on the UW Hyperloop Competition Team (participated in 2019 SpaceX Pod Competition).

SSH.UNO | node.js (Electron.js), HTML/CSS/JavaScript, SH   https://ssh.uno
The fastest, simplest, most intuitive command-line experience yet.

ASPACE | node.js, Python, Java, Swift, OSRM Infrastructure, Lua, Arduino   http://bit.ly/aspacerepo

HQ TRIVIA BOT | Swift, RESTful APIs   https://github.com/f3d0r/triviabot
A HQ Trivia Bot, for educational purposes only.

DEEP LEARNING PLAYGROUND | HTML/CSS/JS, Python/Keras, node.js   http://bit.ly/dlplayground
A Scratch-like interface for creating Keras applications.