

# 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

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 - Present

- 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 Team (for SpaceX Hyperloop 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/f3dor/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.