

# 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 Y Combinator 2018 Startup School (YC SS18)
- Technologies used: node.js, Java, Swift, Lua, Arduino, Python, and HTML/CSS

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

SSH.UNO | NODE.JS (ELECTRON.JS), HTML/CSS/JAVASCRIPT, SH <https://ssh.uno>  
The fastest, simplest, most intuitive command-line experience yet.

HQ TRIVIA BOT | SWIFT, RESTFUL APIS <https://github.com/f3dor/triviabot>  
A HQ Trivia Bot, for educational purposes only.

PRIVAC | HTML/CSS/JS, NODE.JS, GOOGLE CLOUD NATURAL LANGUAGE <http://bit.ly/privacextension>  
A Chrome extension that highlights important parts of a Terms of Service page using NLP.

DEEP LEARNING PLAYGROUND | HTML/CSS/JS, PYTHON/KERAS, NODE.JS <http://bit.ly/dlplayground>  
A Scratch-like interface for creating Keras applications.

## AWARDS

**GARFIELD HS CERTIFICATE OF EXCELLENCE IN BUSINESS TECHNOLOGY AND CS** GARFIELD HS  
CAREER AND TECHNOLOGY EDUCATION DEPARTMENT | JUNE 2016

**WA STATE HONORS AWARD** RANDY DORN - STATE SUPERINTENDENT OF PUBLIC INSTRUCTION | JUNE 2016

**OUTSTANDING SOLOIST - HONORABLE MENTION** WYNTON MARSALIS | MAY 2016

Awarded at the 2016 International Essentially Ellington Jazz Band Competition.

**OUTSTANDING SOLOIST** WYNTON MARSALIS | MAY 2015

Awarded at the 2015 International Essentially Ellington Jazz Band Competition.