

Fedor Paretsky

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Education **University of Washington**, *BS in Applied Physics and Mathematics* Sep. 2016 | Jun. 2020
Seattle, WA

Garfield High School, *High School Degree* Sep. 2012 | Jun. 2016
Seattle, WA

EXPERIENCE **aspace, Inc.**, *Co-Founder/CEO* May 2018 | Nov. 2018
Seattle, WA - <https://trya.space>

- Building 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, optimizing routes with parking vacancy variables, creating hardware sensors for detecting parking spot vacancy, built Android and iOS apps, and accompanying backend
- Y Combinator 2018 Startup School (YC SS18)
- Y Combinator W19 Interview
- Technologies used: node.js, Java, Swift, Lua, Arduino, Python, and HTML/CSS

srnd.org (StudentRND), *Code Evangelist*® May 2016 | Present
U.S.A.

- 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)*
Sep. 2017 | Mar. 2018
Seattle, WA

- 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* Feb. 2016 | Sep. 2016
Seattle, WA

- Manage and maintain hacker space
- Repaired and refurbished professional/industrial-grade machinery
- Assisted with completion of customer orders
- 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

aspace,
See experience section.
<https://trya.space/>

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

HQ Trivia Bot, *Xcode, RESTful APIs*
A HQ Trivia Bot, for educational purposes only.
<https://github.com/f3d0r/triviabot>

PrivaC, *HTML/CSS/JavaScript, node.js, Google Cloud Platform Natural Language*
A Chrome extension that highlights important parts of a Terms of Service page using NLP.
<http://bit.ly/privacextension>

Deep Learning Visual Playground, *HTML/CSS/JavaScript, Python/Keras, node.js*
A Scratch-like interface for creating Keras applications.
<https://devpost.com/software/deep-learning-visual-playground/>

AWARDS

Garfield High School Certificate of Excellence in Business Technology and Computer Science, *Garfield High School Career and Technology Education (CTE) Department* June 2016
Awarded to 3 students annually in graduating class.

Washington 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.