

Fedor Paretsky

Java ☆ Android ☆ Python ☆ node.js ☆ SQL ☆ Arduino

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🌐 <http://f3d0r.com>

👤 Qualifications summary

- Proficient in all parts of mobile application development
- Quick learner, takes efficient approaches
- Comfortable working both individually and on large teams

🔄 GitHub Projects

- **f3d0r/aspac** » My startup code base, please enquire in-person or by email for more information.
- **f3d0r/triviabot** » HQ Trivia Bot (not to be used on live games) - PRIVATE repository, please contact for access
 - Wrote an OCR-based HQ trivia assistant that Google searches pre-defined question formats efficiently and determines correct answer.
 - It is against HQ Trivia Game Rules and User Agreement to use this on live games, but it was still a lot of fun to make!

☰ Technical Skills

- Programming Languages: **Java** **Kotlin** **Python** **JavaScript** **node.js** **Arduino** **Lua** **Swift**
- Web Frameworks: **Nginx** **Apache** **Express** **web.py**
- Databases: **MySQL** **NoSQL** **Realm** **Firebase**

🎓 Education

Degree	Major	Institution	Graduation Year
Bachelor of Science	Applied Physics (Technical) and Mathematics	University of Washington, Seattle, WA	2020
High School Degree	Course Concentration in Computer Science and Jazz Performance	Garfield High School, Seattle, WA	2016

📖 Academic Achievements

- Garfield High School Certificate of Excellence in Business Technology and Computer Science, by Garfield High School Career and Technology Education (CTE) Department (awarded to 3 students annually in graduating class).
- Washington State Honors Award, by Randy Dorn - State Superintendent of Public Instruction
- Outstanding Soloist - Honorable Mention, by Wynton Marsalis at the 2016 International Essentially Ellington Jazz Band Competition
- Outstanding Soloist, by Wynton Marsalis at the 2015 International Essentially Ellington Jazz Band Competition

👜 Professional Experience

- Founder/CEO, aspace, Inc., Seattle, WA (Oct. 2015 – Present)
 - aspace, Inc. is developing a software/hardware infrastructure that tracks the

status of parking spaces using sensors. Using sensor data, we navigate users directly to parking spots of the right fit to reduce congestion on roads, reduce the risk of accidents, and save driver's time!

- Technologies got to work on: **Android** **Swift** **node.js** **Linux** **Git** **HTML/CSS** **Lua** **Arduino** **NoSQL** **3rd-party APIs**

- **Code Evangelist®**, srnd.org (StudentRND), 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 Computer Science. Code Evangelists are Day-Of coordinators, assisting with various event logistics at it's events and by MCing and individually interacting with students during SRND's events, like CodeDay.
- **Resident Advisor (RA)**, University of Washington Housing & Food Services, Seattle, WA (Sep. 2017 – Mar. 2018)
 - Resident Advisors (RAs) work in the University of Washington residence halls to establish a cohesive and responsible community in their designated area, model and support issues related to diversity, facilitate the holistic development of residents through programming, promote resident involvement, and refer, advise, and support residents as they deal with academic and personal issues.
- **Lead Intern**, Metrix:Create Space, Seattle, WA (Feb. 2016 – Sep. 2016)
 - Manage and maintain hacker space
 - Repaired and refurbished professional/industrial-grade machinery
 - Assisted with completion of customer orders
 - Technologies got to work on: **3D Printers** **Woodshop Tools** **CNC** **Laser Cutter** **Pick and Place** **Soldering Tools**

🔖 Undergraduate Courses Taken

Calculus with Analytic Geometry I, II, and III

Intro to Differential Equations

Advanced Multivariable Calculus I

Matrix Algebra with Applications

Computer Programming I

Computer Programming I

Data Structures and Algorithms

Wicked Problems in Python

Physics: Mechanics

Physics: Electromagnetism

Physics: Waves

Thermal Physics

Linguistics: Introduction to Language and Society