Artem Batalov

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18 y.o. programmer from Innopolis, Russia

EDUCATION

- **Bachelor Student in Computer Science**
  Innopolis University
  2020 - now

EXPERIENCE

- **Municipal institution centre by career planning**
  Full-stack developer – Tomsk, Russia
  Co-designer and co-implementor of scheduling system and timetable visualization (rasp.cpc.tomsk.ru).
  June 2019 to December 2019

- **Junior NTI contest**
  Member of organization committee – Moscow, Russia
  Senior technical developer of the tasks. The main host of training webinars.
  August 2020 to December 2020

PROJECTS

- **Drone Swarm**
  `[github.com/bart02/DroneSwarm]`
  Software for making the drone show with drones controlled by Raspberry Pi and PX4 flight.
  Python

- **Human Express**
  `[github.com/Tennessium/HUEX]`
  A system that monitors the movement of a group of drones in real time.
  Python, Web

- **Easy To Fly**
  `[github.com/bart02/EasyToFly]`
  Software and hardware for the Clover drone for make drone control easily (preventing collisions with obstacles, web setup, etc.)
  ROS, Python, Web (HTML, CSS, JS, Vue)

SKILLS

- **Hard Skills**
  Python, C++, PHP, Docker;
  Robotics: PX4, ROS, OpenCV;
  Front-end: HTML, CSS, JS, Vue

- **Soft Skills**
  Time-Management, Agile, Scrum

- **Language Skills**
  Russian: Native Speaker;
  English: Upper-Intermediate

HACKATONS

- **Autonomous car navigation (SkillUp Hack - 2021)**
  `[github.com/bart02/skillup_hack]`
  Map-based navigation system for an autonomous car.
  I place
  Python, Web

- **Machine learning models evaluation web-service (Digital Breakthrough - 2020)**
  `[github.com/SyrexMinus/model_comparison_service]`
  A web service for visually comparing the performance of machine learning models.
  II place
  Python, Web

- **LifeStyle Assistant (SberCode - 2021)**
  `[gitlab.com/lifestyleassistant]`
  A life-style SmartApp for Sber Salute application.
  I place
  Python, Web