

Adam Bíša

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Skills

Programming Languages: Bash, C/C++, Golang, Javascript, Python, SQL

Technologies: Django, Flask, Git, Linux, React, Valgrind, Vue

Languages: Slovak (Native), English (C1), German (A1/A2)

Experience

Vex Robotics EDR - Team 918B

Košice, Slovakia, 2019 – 2020

- Constructed robots to handle transport of cargo in the form of plastic cubes
- Led a team of 5 to complete builds, code and design in time
- Made marketing materials such as photos, website
- Participated in one international match and the Slovak Republic Nationals
- Qualified for the world championship – Vex Worlds 2020

Projects

Fit Purity Test

roznuk.fit

- Created a fun spin-off game based on the “Rice purity test” focused on the Faculty of Information Technology of Brno University of Technology
- Handled upwards of 100 users, enjoyed by other students on our school discord server, including PhD. students

Motion Capture

github.com/adambisa/motion-capture

- Created a script to analyze video input and determine movement with over 80% precision
- Integrated open-cv and pandas libraries
- Learned computer vision concepts such as thresholding, masking, Gaussian Blur

Competitions

Hack Kosice 2024

devpost.com/software/jetjam

- Built a progressive web app and supporting API for an embedded music player
- Created supporting documentation for the project
- Helped develop a data structure for storing notes
- Secured 4th place after presenting our live demo to the judges from B/S/H

Hack Kosice 2023

devpost.com/software/controllit

- Developed a single-page application meant to control a secondary device with movement of a phone by tracking the accelerometer within
- Created documentation of our project

Korešpondenčný Seminár z Informatiky FI MUNI

https://ksi.fi.muni.cz/profil/3763

- Completed 76 various Computer Science problems, earning almost 70% of the points
- Placed in the top 10%
- Created various real-world project such as an API with a SQLite3 database and Discord Bots
- Learned various computer science topics such as logical functions, regular expressions, automata theory, formal grammar, and parsing

Education

Fakulta Informačných Technológií | Vysoké Učenie Technické v Brne – Bachelors in IT

2023 – present

Evanjelické Gymnázium Jana Amosa Komenského

Košice, Slovakia, 2015 – 2023