

Adam Bíša

work.adambisa@gmail.com | adambisa.vercel.app | github.com/adambisa

Skills

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

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

Languages: Slovak (Native), English (C1)

Experience

Vex Robotics EDR - Team 918

Košice, Slovakia, 2019 – 2020

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

Frontend developer at Hatch@FIT

Brno, Czech Republic, 2024-present

- Developed a progressive web app aimed at giving high school students an option to get admitted to VUT FIT
- Created multiple programming tasks for the competition
- Oversaw the development of web design handled by high school students participating at an internship at VUT FIT

Projects

Fit Purity Test

roznuke.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
- Hosted and setup auto-deployment from github on vercel and developed using Vue.js
- Received positive feedback from upward of a hundred users on the school discord server, including from PhD students

Motion Capture

github.com/adambisa/motion-capture

- Created a classifier script using python in conjunction with open-cv, which tracks multiple object using the integrated camera on a laptop, which can determine movement if a 80% precision
- Applied concepts such as thresholding, masking and Gaussian Blur

Competitions

Hack Kosice 2024

devpost.com/software/jetjam

- Built a progressive web app and a supporting API for an embedded music player using python and Vue
- Co-developed a custom data structure for storing notes
- Secured 4th place after presenting our live demo to the judges from Bosch und Siemens Hausgeräte

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

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 90th percentile
- Created projects such as a heartbeat server using flask and sqlite3 for database and discord bots

Education

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

2023 – present

Evanjelické Gymnázium Jana Amosa Komenského

Košice, Slovakia, 2015 – 2023