Václav Volhejn

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IAmWave
My LinkedIn
1997

Experience

Software Engineering Intern — *Blue Vision Labs, London*
JUN–SEP 2017

Back-end development for Blue Vision Labs, a computer vision startup. Worked in a team, but independently to a high degree. Primarily wrote TypeScript and Python, with occasional C++ and SQL. Was also involved in the hiring process.

External developer — *RTSmunity, Prague*
SEP–DEC 2016

Back-end Node.js development for RTSmunity.

Java teacher — *Stanice techniků Vyšehrad, Prague*
SEP 2015 – JUN 2017

Leading the hobby group *Advanced Java* for children ages 12–15.

Education

Charles University — *Prague*
2017 – PRESENT

Studying **computer science** at the Faculty of Mathematics and Physics and **philosophy** at the Faculty of Arts.

Skills & Abilities

Programming since an early age. Adept at **Python, C++, JavaScript, TypeScript, Java, HTML** and **CSS**. Some knowledge of **Haskell**, **SQL**, **Go**, **Matlab**.

Knowledge of **Git, Node.js, Bootstrap, SASS, Redis, Luigi, jQuery**.

Strong algorithmic thinking proven in programming contests.

Linux user; knowledge of **Bash** and the terminal in general.

Driver's Licence — class B (passenger cars)

Languages

Czech — native

English — fluent (C2 — CAE Grade A)

German — B2

Competitive programming

Wrote 10,000s of lines of C++ during algorithmic programming contests

6th place at ACM-ICPC Central European Regional Contest 2017; advanced to **ACM-ICPC World Finals** (only about 400 out of over 46 000 students advance to this round)

Gold medal at the International Olympiad in Informatics 2016

In the **top 2%** contestants on Codeforces

2nd place at the Czech Programming Olympiad (MO-P) 2017

12th place at ACM-ICPC Central European Regional Contest 2016 (unofficial participation)

107th place at Google Code Jam 2016

1st place at the Czech Programming Olympiad (MO-P) 2016

Projects

Samorozvrh — *schedule optimization*
OCT 2017 – FEB 2018

A web app which helps students create their schedule by selecting the times of courses, using a constraint programming solver. Includes JS frontend, Go backend and Python schedule optimizer.

Blekota — *neural network sound generation*
DEC 2016 – MAR 2017

Using a recurrent neural network, Blekota generates sound mimicking given input sounds.

Sup — *schedule-tracking app*
2014

An Android app that automatically tracks changes in students' schedules. Currently at over 600 total installs.

Web

Symposion 2016 — *educational event*
2016 · BACK-END

Deziluze 2016 — *local music festival*
2016 · SOLE AUTHOR

Other

Kasiopea
OCT 2017 – FEB 2018

Volunteered to help organize Kasiopea, a programming competition for high school students, by preparing and testing the contest's tasks.