# 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**.

**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

**6th place** at ACM-ICPC Central European Regional Contest 2017; advanced to **ACM-ICPC World Finals**

**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

**7-8th place** at the USA Computing Olympiad (USACO) 2016 Open Contest

## 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.