

# VERONIKA HOLÁ

Originally a molecular geneticist, now an aspiring junior **Frontend Developer** | **UX Designer** at the beginning of a career change.

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## EXPERIENCE

### JavaScript course

05/23 - present, currently enroled, lecturer Luděk Roleček (Czechitas)

Programming basics (variables, data types, conditions, loops, and functions), manipulation of objects on a page, dynamic content change, appearance change, hiding/showing elements, animating them, event bubbling, scope, and closures.

### “Become a Coder” course

02 - 05/23, Czechitas

Coding complex and responsive websites using HTML and CSS (with Sass) and the BEM methodology. Creating templates, linking sites to content management systems, using static site generators, version control using Git, and working with a remote repository on GitHub. Basics of UX and web design and creating wireframes and prototypes in Figma.

### Molecular Geneticis

2020 - 2023, Repromeda, Laboratory of Medical and Reproductive Genetics

Genetic testing of embryos and parents-to-be to reduce the risk of birth of an affected child. Research, development and implementation of new laboratory methods and tests. Representation of the laboratory at conferences and creating and delivering presentations showcasing our research.

### Research Scientist

2018 - 2021, CEITEC, Laboratory of Plant Cytogenomics

Studying chromosome evolution in a group of plants called Heliophila. Comparing the chromosome structures in different species using advanced molecular biology and bioinformatics techniques such as genome assembly, sequencing, chromosomal painting and fluorescent microscopy. Writing master thesis and grant proposals and and creating graphic schemes for our scientific articles.

### Lecturer

2019 - 2020, Masaryk University, Bioscope - Scientific Educational Centre

Preparing and teaching science courses for children, providing a lively introduction to the world of science through interactive and fun experiments.

## INTERESTS

Bikejöring, running, traveling, hiking, climbing, ukulele, painting, boardgames.

## SKILLS

### Programming Languages

HTML5, CSS, Sass preprocessor, JavaScript

### Libraries & Frameworks

Eleventy, Bootstrap

### Tools & Platforms

Git, GitHub, Netlify, Figma

### Soft skills

Creativity, Fast-learning, Communication, Teamwork, Empathy

## PROJECTS

### My personal portfolio

[veronikahola.com](https://veronikahola.com)

### Photographer's website

*in progress*

[michaelacibulkova.cz](https://michaelacibulkova.cz)

### Farm “Kohoutky”

[kohoutky.netlify.app](https://kohoutky.netlify.app)

## EDUCATION

### Molecular and Cellular Biology and Genetics

PhD's, Masaryk University Brno

Specialization: Development and implementation of a new method for Preimplantation Genetic Testing of Monogenic Diseases.

*studies interrupted*

### Molecular Biology and Genetics

Master's degree, Masaryk University Brno

Specialization: Karyotype structure and evolution in the southern African genus Heliophila.