

# Kostas Kilda

## Software engineer

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GitHub - <https://github.com/KostasKilda>

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### About me

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I am a highly motivated and skilled computer science student studying at Newcastle University with a focus on Java and Python programming languages. I am actively seeking to expand my knowledge by learning HTML, CSS, and JavaScript. My goal is to apply the knowledge and skills I acquired at university to gain practical experience in the industry. I am eager to take on challenging projects and learn from experienced professionals. Ultimately, my passion lies in making meaningful contributions to the world of technology, and I am committed to pursuing a career that allows me to do so.

### Education

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**Newcastle University** - BSc computer science with honours

- Third-year computer science student at **Newcastle University** with an average of 76.4%.
- Second-year mark 79.3%.
- First-year mark 73.8%.

**The Web Developer Bootcamp 2022**

- Completed the web developer bootcamp 2022
- **Technologies and languages:** HTML5, CSS3, JavaScript, NodeJS, ExpressJS, AJAX, Bootstrap, SemanticUI, Unix, NPM, DOM manipulation, asynchronous JavaScript, Flexbox, responsive design.

**Vilnius Vytautas Magnus gymnasium**

- Scored 86% in the **Lithuanian state** computer science **exam** in 2020.
- Graduated **Vilnius Vytautas Magnus gymnasium** with a GPA of 9.34/10.

### Personal projects

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#### Weather application

- **Project:** The Weather Application is a dynamic website that provides users with real-time weather information based on their current city. Through the integration of various APIs, the application retrieves the user's location and fetches the corresponding weather data. The website incorporates engaging background animations that adapt to the current weather conditions, including rain, clouds, and sunshine. Users can easily access their current city, temperature readings, and wind speed, with the application's icon changing dynamically based on the temperature. Developed using React, the application efficiently manages asynchronous API calls to ensure seamless data retrieval and display.
- **Tools and languages used:** React, API's, JavaScript, HTML, CSS.
- **Live website:** <https://weather-beige-eta.vercel.app>
- **GitHub:** <https://github.com/KostasKilda/weather>

## Pathfinder visualiser

- **Project:** A visually interactive website that visualizes different search algorithms. The website has numerous functionalities, allowing users to create custom mazes and observe the algorithms' performance in real time.
- **Tools and languages used:** JavaScript, CSS, HTML.
- **Live website:** <https://kostaskilda.github.io/pathfindingVisualizer/>
- **GitHub:** <https://github.com/KostasKilda/pathfindingVisualizer>

## YouTube video downloader

- **Project** A Python application that enables users to download YouTube videos using video or playlist URLs. The application utilizes CustomTKinter to deliver an aesthetically pleasing user interface.
- **Tools and languages used:** Python.
- **GitHub:** <https://github.com/KostasKilda/YoutubeDownloader>

## Technical skills

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- **2 years** experience with **Python**
- **1 year** experience with **Java, CSS, HTML, and JavaScript.**
- **4 months** of experience with **C.**
- **3 years** of experience with **GitHub.**
- Experience with **MySQL, React and GitHub actions** and frameworks, such as **Hibernate, Flask, and Bootstrap.**

## Soft skills

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- Collaborated effectively within university team projects, elevating my **team working** and **communication** skills.
- Exhibited exceptional **critical thinking** by swiftly making well-informed decisions with limited information.
- Showcased **creativity** and **UI design expertise** through the development of visually appealing websites.
- Demonstrated exceptional efficiency in conducting thorough research, showcasing my **strong research capabilities.**
- **Fluent** in **English** and **Lithuanian** for effective communication in diverse settings.

## Hobbies

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### Folk dance group “Ugnele”

During my eight years as a member of the "Ugnele" folk dance group in Lithuania, I gained valuable experience in **leadership, teamworking, and cultural appreciation.** As the captain of the dance group for the last five years, I learned how to **communicate effectively** with team members, delegate responsibilities, and **motivate** others toward a common goal. Through rehearsals and performances, I also developed **conflict-resolution** and **problem-solving** skills. Additionally, by sharing Lithuanian folk dances with audiences domestically and abroad, I gained a deep appreciation for national traditions and cultural heritage. This experience has had a lasting impact on me, providing me with skills that have been useful in both my personal and professional life.