

# Kostas Kilda

## Software engineer

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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.

### 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, and GitHub actions** and frameworks, such as **Hibernate, Flask, and Bootstrap.**

## Personal projects

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### 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>

## University projects

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### Online lottery application

- **Responsibilities:** implementing security features into a web application to prevent malicious attacks.
- **Tools and languages used:** Python, HTML, CSS, MySQL, GitHub, Flask.
- **Soft skills enhanced:** Critical thinking, research, and development.

### 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.