Kostas Kilda

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About me

I am skilled, smart and highly motivated computer science student at Newcastle University. In the university my areas of focus are Java and Python programming languages, besides that, I am also further expanding my programming knowledge by learning HTML and CSS outside of the university. My long-term goals are to apply my university knowledge and gain practical expertise in industry through employment.

Technical skills

- **More than 1 year** of experience with **Java** and **Python** gained from doing university projects such as a tile game called "Reversi" or a machine learning algorithm.
- **8 months** of self-taught learning with **CSS**, **HTML,** and **JavaScript** which I gained from creating custom web pages.
- **4 months** of experience with **C**.
- Solid experience with **MySQL** by building and designing relational databases.
- Experience with frameworks, such as **Hibernate**, **Flask,** and **Bootstrap**.
- **3 years** of experience with **GitHub**.
- Knowledge of **API's** and **AJAX**.

Soft skills

- **Teamworking** and **communication** skills acquired by doing team projects in university where we all had to agree on the same project idea, and the ways to implement and develop the features.
- The most recent example of **critical thinking** that I used was whilst doing security coursework where we had to use a vulnerability to penetrate the network.
- Great examples of **creativity** can be found on my personal website where I designed and implemented custom features that suited the web page.
- **Efficient research capabilities**
- **Fluent in English and Lithuanian**

Education

- Third-year student at Newcastle University.
- Completed a front-end development course on Udemy.
- Second-year Newcastle University computer science average mark 79.3%.

- First-year Newcastle University computer science average mark 73.75%.
- Scored 86% in the Lithuanian state computer science exam in 2020.
- Graduated Vilnius Vytautas Magnus gymnasium with a GPA of 9.34/10.

University projects

Online children's game

- **Responsibilities**: Handling the entire front end, implementing extra features in the back end, and maintaining the stability of the website.
- **Features**: Register, login, scoreboard, and leaderboard systems linked with the database and the game.
- **Tools and languages used**: Python, HTML, CSS, MySQL, GitHub, Flask.
- **Skills enhanced**: Teamwork, research, and communication.

LotteryWebApp (website security)

- **Responsibilities:** Implementing security features into a web application to prevent malicious attacks.
- **Features:** Input validation, error handling, encryption, decryption, hashing, access management, user logging and two factor authentication.
- **Tools and languages used**: Python, HTML, CSS, MySQL, GitHub, Flask.
- **Skills enhanced**: Critical thinking, research, and development.

Personal projects

Personal website

- **Tools and languages used**: HTML, CSS, GitHub, JavaScript.
- **Live website**: https://kostaskilda.github.io/personalWebsite

Hobbies

- **Folk dance group "Ugnele"**

  I was a big part of "Ugnele" folk dance group in Lithuania for 8 years. We performed in concerts a few times a year within the country as well as concerts abroad to represent ourselves and national traditions. By dancing for so long I improved teamworking skills as well as strengthened leadership capabilities as I was the captain of the dance group for the last 5 years.