

JAKUB DZIARNOWSKI

in linkedin.com/in/jakub-dziarnowski

kuba.dziarnowski@onet.eu

+48 885 211 925

Dziarnowski J.github.io

PROGRAMMING

JavaScript



Python



lava



Haskell



C++



HTML and CSS



MySQL



ABOUT ME

I graduated from City, University of London with a First-Class BSc degree in Computer Science. I'm actively seeking job opportunities in programming, backed by my excellent academic performance. My skill set includes object-oriented and functional programming in languages like Java, JavaScript, Python, and Haskell, as well as experience in database management with MySQL. I have handson knowledge of both back-end and front-end development, showcased in my multiplayer browser-based game dissertation project. I'm eager to apply my expertise and passion for programming in a professional setting.

RECENT PROJECTS

For a comprehensive overview of my projects, including the following ones and many more, I highly recommend visiting my portfolio at <u>Dziarnowski.github.io</u>

WEB-BASED TACTICAL CARD GAME

Programming languages: JavaScript, HTML, CSS Other technologies: Node.js, Phaser 3, Socket.io

- Card game for two players available to play in a web browser.
- Application follows server-client architecture with node.js responsible for the server side and Phaser as the game engine on the client's side.

DATABASE DRIVEN APPLICATION "GARITS"

Programming languages: Java, MySQL

Other technologies: FlatLaf, iTextPDF, VisualParadigm

- Team project of 5 students
- Managing application for the imaginary car shop
- The application allows to collect and store customers' details. generate invoices in PDFs and schedule car services.

NEURAL NETWORKS

Programming languages: Python

Other technologies: PyTorch, Numpy, Pandas

- University project consisting of three parts:
 - Creating a fully parameterizable NN class without the use of libraries like PyTorch or TensorFlow.
 - Implementing convolutional NN using PyTorch for image recognition of a Fashion-MNIST dataset.
 - Developing NN predicting the possibility of rain in Australia based on meteorological data

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).

RELEVANT SKILLS

Languages:

- Polish native
- English fluent
- Spanish beginner
- Advanced knowledge of Photoshop and MS Office
- Variety of soft skills including time management, problemsolving, adaptability and interpersonal skills

INTERESTS



Polish Society

Finance officer and co-founder of Polish Society at City, University of London



Aviation

Private Pilot Licence (PPL)



Lacrosse

Former player of Kosynierzy Wrocław - multiple Polish champion, former member of the Polish Youth National Lacrosse Team

EDUCATION HISTORY

BSc (Hons) Computer Science

City, University of London

September 2020 - July 2023

Result: First Class Hons - 76.47%

Some modules with final grades:

- Programming in Java 94.7%
- Web Development and Databases 78.2%
- Programming in C++ 99.1%
- Object-Oriented Analysis and Design 82.4%
- Programming and Mathematics for Al 73.0%
- Functional Programming 96.1%

International Baccalaureate (IB)

International High School of Wrocław

September 2018 - July 2020

Result: 39/45 Points

Subjects taken:

- Higher level:
 - o English, Mathematics, Physics
- Standard level:
 - Polish, Economy, Geography

CERTIFICATIONS



Scientific Computing with Python

Institution: freeCodeCamp.org



Responsive Web Design

Institution: freeCodeCamp.org



<u>JavaScript Algorithms and Data</u> Structures

Institution: freeCodeCamp.org

Wyrażam zgodę na przetwarzanie moich danych osobowych w celu rekrutacji zgodnie z art. 6 ust. 1 lit. a Rozporządzenia Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27 kwietnia 2016 r. w sprawie ochrony osób fizycznych w związku z przetwarzaniem danych osobowych i w sprawie swobodnego przepływu takich danych oraz uchylenia dyrektywy 95/46/WE (ogólne rozporządzenie o ochronie danych)

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).