

# Nikita Polyakov

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<https://www.polyakov.tech/resume>

## Education

DePauw University | BA in Computer Science

Class of 2022 | Dean's List

## Projects

### **Senior Project | Campus Delivery Service | Feb 2022 – May 2022**

- Built a full-stack website service only for student use. Students may use this service to order food or earn pocket money by fulfilling deliveries.
- Refactored Polyakov.tech GO server code to include service routes and use a 3<sup>rd</sup> party API (PayPal/Venmo) for payment handling.
- Added password account authentication for secure checkout.
- Implemented CRUD action to store and fetch user details and transactions with MongoDB.
- Included Webpack in front-end development process to add reusability to CSS, HTML and JS elements as well as security by minifying all JS.

### **Research in Deep Learning | Convolutional Neural Network | Jan 2022**

- Participated in an intensive winter course about deep learning and neural networks by building models using the MNIST and Fashion-MNIST databases.
- Built a python program using TensorFlow and NumPy to compile and test multiple convolution models to find the most optimal model for classifying clothing items in photographs.

### **Polyakov.Tech | Full-stack Website | May 2020 – Dec 2021**

- Independently learned and built a profile website. Although Node.js provided a great learning environment, the second version of the back-end was written in GO for its speed and better run time stability.
- Used HTTP to connect client to a Heroku server with a REST API. Connected contact page to MongoDB instance using CRUD actions with NodeJS and GO.

## Professional Experience

### **Code Ninjas | Code Sensei / Code Instructor | Oct 2020 – May 2021 | Sammamish WA**

- Taught up to 12 daily students the basics of JS, HTML, CSS, and web development.
- Tasked with hosting a local hackathon created by Code Ninjas for students to compete in making games with JavaScript. Directed a team of 3 peers to ensure the event went as planned by Code Ninjas and provided participants with occasional technical hints.

### **Kaspersky Labs | IT Training Course Translator | Sep 2016 – Aug 2017 | Seattle WA**

- Responsible for the complete and correct translation of the IT training program for new Kaspersky employees from Russian to English and vice versa.
- Part of the team tasked with translating the ICS Certification Kaspersky web content.
- Gained an understanding of basic IT and development topics, as well as experience working with front-end web technologies.

## Additional Experience

### **DePauw Men's Swim and Dive Team | Athlete | Aug 2018 – May 2022**

- Represented DPU during dual and conference meets. Top team scorer and conference finalist.
- Continued to build a strong work ethic alongside the ability to follow thru with commitments and responsibilities. Gained a new understanding of a selfless team-oriented mentality.

## Coursework

Computer Science I, Data Structures, Mastering C/C++, Object Oriented Software Development, Writing in Computer Science, Foundations of Computation, Programming in Python, Artificial Intelligence, Computer Security, Database & file, Systems, Data Mining, Research in Deep Learning.

## Skills

**Languages:** English, Russian, JS, TypeScript, GO, Python, Java, SQL, C++.

**Topics:** Front-end, Back-end, Full-stack, Software development, Web development, Object oriented programming, Functional programming.

**Technologies:** HTML, HTTP, REST, CSS, TensorFlow, NumPy, Three.js, Cannon.js, Adobe XD, Git, MongoDB, Node.js, NPM, Webpack, Heroku.