Nikita Polyakov

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https://www.polyakov.tech/resume

https://github.com/NikitaPoly

Education

DePauw University | BA in Computer Science

Class of 2022 | Dean's List

Coursework

Computer Science I, Data Structures, Mastering C/C++, Object Oriented Software Development, Writing in Computer Science, Foundations of Computation, Programing 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 programing, Functional programming.

Technologies: HTML, HTTP, REST, CSS, TensorFlow, NumPy, Three.js, Cannon.js, Adobe XD, Git, MongoDB, Node.js, NPM, Webpack, Heroku Postman, auth0.

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 3rd party API (PayPal/Venmo) for payment handling.
- Added calls to the Auth0 API for security in transactions, CRUD actions for fetching user information from MongoDB as well as extra security by bundling.
- Deployed the service and maintained for a span of a month.

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 convolutional 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 using Node.js. Later improved the back-end to run 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 later 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 duel 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.