
Victor Samsonov

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EDUCATION

Illinois Institute of Technology – B.S Computer Science and M.S Artificial Intelligence – 3.74 GPA

Proficient Technologies/ Programming languages: • Python • R • scikit-learn • TensorFlow and Keras • PyTorch • React • React Native • JavaScript • MySQL • HTML and CSS

Familiar Technologies/ Programming languages: • Flask • C • Java • Haskell • Racket • Node JS • TypeScript • F#

Relevant Courses: Linear Algebra, Introduction to Algorithms, Introduction to AI, Introduction to Machine Learning, Data Mining, Database Organization.

Portfolio (Made by me): <https://victorsamsonov.github.io/portfolio/>

WORK EXPERIENCE

Machine Learning Part-time Intern (Computer Developer) @ [EKI-Digital](#), January – March 2022

- Used Azure ML and Python to develop scripts and models with the aim of maximizing profits of the company's client.
- Predicted housing prices for a client, while using regression, and neural networks.
- Reduced training time of models while maintaining the same accuracy and precision.
- Researched popular Neural Network architectures (SqueezeNet and AlexNet).

Technologies used: Azure ML | Python | scikit-learn | TensorFlow

Front-End Developer @ [Perkuno](#), April 2020 – January 2022

- Used React Native to implement screens, components, animations, state management and improved the Android version of a **Stocks and Trading App**.
- Lead the Front-End team in completing all tasks on time, resulting in the App placing top 5 among 200 competitors in several analysis reports.
- Implemented a linear regression pipeline for predicting Stock Prices.

Technologies used: React-Native | JavaScript | TypeScript | Python | scikit-learn

CERTIFICATIONS

Machine Learning A-Z: Hands-On Python & R In Data Science (44.5 hours)

Deep Learning A-Z: Hands-On Artificial Neural Networks (22.5 hours)

PERSONAL PROJECTS

React JS Sorting Visualizer

Technologies used: React | JavaScript | HTML and CSS | Git | GitHub | Algorithms

React JS Pathfinding Visualizer

Technologies used: React | JavaScript | HTML and CSS | Git | GitHub | Algorithms

Python Random Sudoku Generator

Technologies used: Python | Pygame | Git | Algorithms | GitHub

AWARDS AND OTHER

Awards: Fall 2020 **Dean's List Award** | Fall 2021 **Dean's List Award** | International Student Scholarship.

Languages: Spanish, English, and Serbian.

Data Science Books I've Read:

- *Python Data Science Handbook* • *The Hundred-Page Machine Learning Book*
- *Hands-On Machine Learning with Scikit-Learn, Keras and Tensorflow* • *Deep Learning (Yoshua Bengio)*