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 • PyTorch • React • React Native • JavaScript • SQL • HTML and CSS

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

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

WORK EXPERIENCE

Machine Learning Intern (Computer Developer) @ EKI-Digital, January – Present 2022

- **Used Azure ML and Python** to develop scripts and models with the aim of maximizing profits.
- Received Training based on previous company projects such as **predicting housing prices** for a client, while using regression, and deep neural networks.
- Worked on Researching some of the latest 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 the analysis report.
- **Implemented the Machine Learning regression algorithm 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)

Technologies used: **Python | R | ML | DL | scikit-learn | TensorFlow | Linear Regression | Classification | Neural Networks**

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

Technologies used: **Python | TensorFlow | PyTorch | ANN | CNN | RNN | Self-Organizing Maps | Boltzmann Machines | Autoencoders**

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)*