

EDUARD NETSAJEV

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EDUCATION

Tallinn University of Technology, Tallinn

Bachelor of Science in Engineering, June 2016

Major: Informatics

GPA: 4.82/5, *cum laude*

EMPLOYMENT

Jane Street Capital, Developer Intern

March 2017 - May 2017

- Created OCaml framework for easy and type-safe web forms design and manipulation
- Improved real-time trades monitoring application's performance speed by more than 120%

Nortal, Junior Java Developer

June 2015 - June 2016

- Key responsibilities include software design and full-stack feature-driven implementation
- Involved in projects varying from corporate marketing and publishing platforms to government online service portals

SKILLS

- Professional Experience: Java, OCaml, JavaScript, SQL, Bash
- Academic Exposure: Python, PHP, Prolog, C, MATLAB, AngularJS, C#
- Tools: Unix, Git, Mercurial, Emacs

PROJECTS

Thesis: Motor Insurance Clients Risk Level Evaluation using Artificial Neural Networks and Deep Learning

- Developed an artificial intelligence methods based system for risk level evaluation of motor insurance clients for a large insurance company in a framework of R&D project LEP15111
- Solution selected for final implementation over 3 alternatives developed by a team of PhD's
- Achieved much better accident probability accuracy compared to the old system
- Main technologies used include Python, Keras, Theano, NumPy, Matplotlib, Jupyter Notebook

Gomoku game AI: Java course final project

- Confident win over all other student's algorithms and previous champions, still undefeated for 2 years
- Done extensive research and created an original variation of Threat-Space-Search algorithm

Timetable: Personal project using Java, Android, Python

- Created Android app for students to freely organize their schedule and view upcoming classes
- Includes two sub-projects: Android application in Java and server-side data gathering Python script

ACHIEVEMENTS AND EXTRACURRICULARS

ACM International Collegiate Programming Contest

Fall 2014, Fall 2015

- Both times team placed 1st in TUT and proceeded into quarterfinals in Minsk, Belarus

IEEEExtreme 24-Hour Programming Competition

Fall 2014

- 1st place in TUT and top <10% of more than 2000 teams around the world

Google Hash Code 2016 Programming Competition

Winter 2016

- 1st place in TUT Hub