

# EDUARD NETSAJEV

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## EDUCATION

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**Tallinn University of Technology, Tallinn**

Bachelor of Science in Engineering, June 2016

Major: Informatics

GPA: 4.82, *cum laude*

## EMPLOYMENT

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**Nortal, Junior Java Developer**

June 2015 - June 2016

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

## LANGUAGES AND FRAMEWORKS

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- Professional Experience: Java, Spring Framework, SQL, JavaScript
- Academic Exposure: Python, Prolog, MATLAB, PHP, C

## ACHIEVEMENTS AND EXTRACURRICULARS

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**Google Hash Code 2016 Programming Competition**

Winter 2016

- Participated in a team of 4. Team placed 1st in TUT Hub

**International Collegiate Programming Summer Camp**

Summer 2015

- With a team of 3 took part in competitive programming training camp in Lithuania
- 5 ACM-style competitions during 7 days of the camp

**ACM International Collegiate Programming Contest**

Fall 2014, Fall 2015

- Participated in ACM ICPC with a team of 3
- Both times team placed 1st in TUT and proceeded into quarterfinals in Minsk, Belarus

**IEEEExtreme 24-Hour Programming Competition**

Fall 2014

- Participated in a team of 3. Team placed 1st in TUT and 3rd in Estonia
- Top <10% of more than 2000 teams around the world

## THESIS AND PROJECTS

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**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

**Gomoku AI:** Java course final project

- Done extensive research and implemented my variant of Threat-Space-Search algorithm for Gomoku
- Confident win over all other student's algorithms and previous champions, still undefeated for 2 years

**Timetable:** Java, Android, Python

- Includes two sub-projects: Android application and server-side data gathering Python script
- Android app tracks current day and parity of the week and displays relevant classes for a chosen group of students
- Users can add new classes or edit the existing ones