

NANA NOSIROVA

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EDUCATION

University of Toronto - St George Campus

Bachelor of Science (BSc), Computer Science

2014 - Present

In-major GPA: 3.54

- Third year student
- Currently enrolled in courses for Artificial Intelligence, Software Engineering, Operating Systems, Databases and more

Relevant Coursework

- Data Structures and Analysis
- Databases
- Software Design
- Software Tools and Systems Programming
- Programming on the Web
- Computer Organization

TECHNICAL SKILLS

- Competent in **Java**, **Javascript**, **HTML5/CSS3**, **Node.js**
- Familiar with **C**, **Python**, **Android development** and **Bash**
- Knowledge of **OOP**, **Software Design**, **UML**, **Design Patterns**, **Agile Development**, **REST** and **Scrum**
- Used version control software such as **Git** and **Subversion**

PROJECTS

SOLUTIONS.REPO - A web app that allows U of T students to view and share exam solutions. Built with *Javascript/JQuery*, *Node.js/Express*, *MongoDB*, *HTML5/CSS3*.

Toronto ON, July 2016 - Present

NEW YORK TIMES - RESTFUL API - A set of RESTful APIs capable of reading the JSON file from the New York Times official API, deployed on a Node.js server. Built with *Javascript/jQuery*, *Node.js*, *AJAX*, *HTML5/CSS3*.

Toronto ON, June - July 2016

SPACE BUSTER! - A single player game where the objective is to prevent blackholes from eating the solar system by clicking on them before they disappear. Built with *Javascript/JQuery*, *HTML5/CSS3*, *HTML5 Canvas*.

Toronto ON, June 2016

WALL-BEATER - Based on the Atari game "Breakout", where the goal is to break down as many of the displayed bricks as possible. Built with *Verilog*.

Toronto ON, March - April 2016

THE GREAT VACUUM GAME - A two-player game where each player (vacuum) needs to earn as many points as possible by collecting dust. Built with *Java*.

Toronto ON, October 2015

GAME CENTER: TIPPY GAME, SUBTRACT SQUARE AND MINIMAX AI - A game center containing Tippy Game, a variation of Tic-Tac-Toe, and Subtract Square. The human player has the choice to face an AI based on the Minimax Algorithm. Built with *Python*.

Toronto ON, March - April 2015

LEADERSHIP

Tutor / Teaching Assistant

- Tutored grade 7 students struggling in Mathematics.
- Actively participated in the classroom and helped the teacher manage the class.

Mgr-de-Charbonnel,
Toronto ON, 2012

Member of the Uzbek community

- Accompanied Uzbek newcomer families in their visits to doctors, banks and schools.
- Interpreted instructions, explained procedures, answered questions and generally acted as an advisor.

Turkistanian Canadian Congress,
Toronto ON, 2011 - 2013