**Oleksii Fedorenko**

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**EDUCATION**

**Case Western Reserve University**, Cleveland, Ohio

*Bachelor of Science, Computer Science (Expected May 2023)*

*Concentration: Artificial Intelligence*

* Cumulative GPA: 4.0
* Relevant Coursework: Data Structures, Software Development, Software Design, Digital Logic Design, Intro to AI, Search Algorithms
* Dean’s High Honors List (Fall 2020)

**PERSONAL PROJECTS**

**MasSMS Project,** Spring, Texas

*Android Developer (May 2020 – July 2020)*

* Worked in a team to design an app that can send individual SMS to groups of contacts that can be imported from Excel.
* Designed android app architecture using MVP design pattern.
* Developed conversion methods and worked with JSON
* Worked extensively with SQLite database and Internal memory
* github.com/fedorenkood/MasSMS

**Sliding Puzzle Solver Project,** Spring, Texas

*Java Developer (August 2020 – October 2020)*

* Created classes that read, store and manipulate sliding puzzles or any size n\*m. The interaction with the puzzle is done through the console commands.
* Implemented A\*, beam, and bi-directional AI search algorithms that solve the puzzle of any size.
* github.com/fedorenkood/8-Puzzle

**EXPERIENCE**

**Freelance, self-employed,** Virtual

*Full-Stack Web Developer (September 2016 – Present)*

* Developed more than 10 websites from scratch, which includes: communication with clients, SEO optimization
* UI and UX: HTML, JavaScript frameworks: jQuery, Bootstrap, Grid, Flex, animations (transitions, menus, accordion, sliders, carousels, etc.)
* Back-end: Ajax + database (SQL), Node.js, Installing CMS (WordPress, MODX, OpenCart), e-commerce, custom plugins.
* Managing websites through SHH and FTP (PuTTY, Linux)
* Recent Projects: liddweb.com, tmsintl.com.ua/credits

**Case Western Reserve University,** Cleveland, Ohio

*Teacher Assistant (January 2020 - Present)*

* Worked as Teacher Assistant for Computer Science professor in 8 MATLAB sections.
* Graded more than a 1000 of coding projects and Labs. Improved and reviewed assignments.

**Brigham Young University - Idaho,** Rexburg, Idaho

*Teacher Assistant (January 2020 - July 2020)*

* Worked as Teacher Assistant for Computer Science professor in 4 C++ and Python sections.
* Graded more than a 1000 of coding projects. Led a computer science lab with more than 40 students.

**ACTIVITIES & INTERESTS**

* Member of the Zeta Beta Tau Fraternity (2020-Present)
* Member of following clubs: Hackathon CWRU, ICPC, Google Developer Student Club, Entrepreneurship Club