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| **Oleksii Fedorenko**  Spring, TX  +1 (832) 599-0709  [fedorenkoalex23@gmail.com](mailto:fedorenkoalex23@gmail.com)  [linkedin.com/in/fedorenkood](https://www.linkedin.com/in/fedorenkood/)  [github.com/fedorenkood](https://github.com/fedorenkood) | SIDE PROJECTS |
| Android Developer | MasSMS Project  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](https://github.com/fedorenkood/MasSMS)   Java Developer | Sliding Puzzle Solver Project  August 2020 – October 2020   * I 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. * The main purpose of this puzzle was to implement AI algorithms from scratch that solve the puzzle of any size. * I implemented A\*, beam, and bi-directional A\* search algorithms. * <https://github.com/fedorenkood/8-Puzzle> |
| EDUCATION**—**  Case Western Reserve University  August 2020 – May 2023  BS in Computer Science  GPA: 4.0  Brigham Young University-Idaho  September 2019 – July 2020  BS in Computer Science  GPA: 4.0  SKILLS**—**  **Programming**:  C++, Java, Python (Libs: NumPy, Pandas, Matplotlib, scikit-learn, etc.), Android Development, MATLAB  Web Programming:  JavaScript, jQuery, Node.js, PHP, CSS3, SASS, HTML5, SQL, Multiple Frameworks: Bootstrap, owl-carousel, animate, pace, etc.  **Relevant Coursework:**  Data Structures, Software Development, Software Design, Digital Logic Design, Intro to AI, Search Algorithms  Software Skills:  Linux, Git, PuTTY, MySQL, SHH and FTP servers, Microsoft Office  Math:  Multivariable Calculus, Engineering Statistics, Linear Algebra, Discrete Math  Fluent Languages:  English, Ukrainian, Russian  AWARDS**—**  Dean’s High Honors List at CWRU  Full-tuition CWRU Scholarship |
| WORK HISTORY |
| Full-Stack Web Developer | Freelance, self-employed  June 2017 – August 2019   * Developed more than 10 websites from scratch, which includes: communication with clients, SEO optimization * UI and UX: PSD to HTML, Bootstrap, Grid, Flex, animations (transitions, menus, accordion, sliders, carousels, etc.) * Back-end: Ajax + database (SQL), Installing CMS (WordPress, MODX, OpenCart), e-commerce, custom plugins. * Managing websites through SHH and FTP (PuTTY, Linux) * Recent Projects: [liddweb.com](https://liddweb.com), [tmsintl.com.ua/credits](https://tmsintl.com.ua/credits)   **Teacher Assistant | Brigham Young University-Idaho**  **January 2020 - July 2020 | Rexburg, ID**   * Worked as Teacher Assistant for Computer Science professor in 4 C++ and Python sections. * Graded more than a 1000 of coding projects and homeworks * Oversaw the Computer Science help lab * Supervisor: Nate Phillips, Computer Science & Elec Eng. Faculty, +12084967625, phillipsken@byui.edu   Math Tutor | Brigham Young University-Idaho  January 2020 - July 2020 | Rexburg, ID   * Tutored college students in Trigonometry, College Algebra, Pre-calculus, Calculus, Statistics, Linear Algebra. * Conducted more than 300 tutoring sessions. * Supervisor: Daniel Baird, Academic Support Centers Faculty, +12084964276, bairdd@byui.edu |