

OLEKSII FEDORENKO

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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++, C#, .NET, WPF, Java, Python (Libs: NumPy, Pandas, Matplotlib, scikit-learn, etc.), Android Development, MATLAB

Relevant Coursework:

Data Structures, Software Development, Software Design, Digital Logic Design, Intro to AI, Search Algorithms

Software Skills:

Linux, Git, PuTTY, MySQL, SSH and FTP servers, Microsoft Office

Math:

Multivariable Calculus, Engineering Statistics, Linear Algebra, Discrete Math

Fluent Languages:

English, Ukrainian, Russian

ACTIVITIES —

ZBT fraternity, Hackathon CWRU, ICPC, Google Developer Student Club, Entrepreneurship Club, Wall Street Trek

AWARDS —

Dean's High Honors List at CWRU
Full-tuition CWRU Scholarship

WORK EXPERIENCE

Software Engineer Intern | Lutron

June 2021 – August 2021 | Austin, TX

- Worked on an initiative aimed to redesign and speed up the process of creating and adjusting complex lighting scenes.
- Implemented a feature in the corporate software that runs on the C# (.NET) WPF UI framework.
- Implemented an API Client that allows to communicate with AWS services in an application with over 1.7 million lines of code.

Research Assistant (Android Developer) | Case Western Reserve University

January 2020 – Present | Cleveland, OH

- Develop an Android app for the gathering of health survey data from research participants.
- Implemented Google Fit integration and data collection.
- Integrated communication with a Python Flask server.
- Participated in data analysis.

Android Developer | MasSMS Personal 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 in Java using MVP design pattern.
- Developed conversion methods and worked with JSON
- Worked extensively with SQLite database and Internal memory
- github.com/fedorenkood/MasSMS

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: HTML, JavaScript frameworks: jQuery, Bootstrap, Grid, Flex (menus, accordion, sliders, carousels, etc.)
- Back-end: Ajax + database (SQL), Node.js, Installing CMS (WordPress, MODX, OpenCart), e-commerce, custom plugins.
- Managing websites through SSH and FTP (PuTTY, Linux)
- Recent Projects: tmsintl.com.ua/credits

Teacher Assistant | Case Western Reserve University

January 2020 - Present | Cleveland, OH

- Worked as Teacher Assistant for Computer Science professor in 8 MATLAB sections. Improved and reviewed assignments.
- Graded more than 400 coding projects and labs.

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 coding projects and homeworks
- Led Computer Science help lab with more than 20 students.