

OLEKSII FEDORENKO

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EDUCATION

Case Western Reserve University

August 2020 – May 2023

BS in Computer Science

GPA: 3.93

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:

Discrete Math Multivariable Calculus, Engineering Statistics, Linear Algebra,

Fluent Languages:

English, Ukrainian, Russian

ACTIVITIES

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 initiative to redesign and speed up process of creating and adjusting complex lighting scenes
- Implemented feature in corporate software that runs on C# (.NET) WPF UI framework
- Implemented API Client that allows for communication 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

- Developing Android app for gathering 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 requiring 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

Teaching Assistant | Case Western Reserve University

January 2020 – Present | Cleveland, OH

- Worked as TA for computer science professor in 8 MATLAB sections; improved and reviewed assignments
- Graded more than 400 coding projects and labs

Teaching Assistant | Brigham Young University-Idaho

January 2020 – July 2020 | Rexburg, ID

- Worked as TA for computer science professor in 4 C++ and Python sections
- Graded more than a 1000 coding projects and homework
- Led computer science help lab with more than 20 students