Daniel Kiselev

6 Broom Shop Ln, Apt 306, Latham, NY | (908) 456-6834 | dannykiselev@gmail.com

EDUCATION

University of Rochester   **Rochester, NY**
B.S. in Computer Science GPA 3.2/4.0   2015-2019

Projects: *github.com/danielkiselev | danielkiselev.com*

Whip – DandyHacks Hackathon Project
- Received Google's award for best use of Google Cloud Platform API.
- Received FactSet's Frankenstein award for best use of multiple APIs.
- Developed a web scraper to acquire airline data for assessing airport traffic in advance.

Code Analysis – Advanced Compilers (Python)
- Developed a compiler that reduces C programs into 3-address code.
- Worked to break down code and understand what parts can be further optimized**.** Removed redundant operations within the code by utilizing local value numbering.

Code Translator – Prog. Language Design & Imp. (Python & OCaml)
- Translates a C program into assembly styled code.
- The same project was done in both OCaml and in Python; providing identical functionality.
- Implemented a scanner/tokenizer; a parser for parse tree generation; a translator to convert the parse tree to the final output code.

Mobile Messaging App – Mobile App Development Final Project (Android & Java)
- Built a mobile messaging app that allows users to easily add friends by QR code.
- Utilizes Google's Firebase platform for 'Realtime Database' management, and user authentication.

WORK & LEADERSHIP EXPERIENCE

MTX Group Inc   **Albany, NY**
Senior Software Engineer   February 2021 – Present
- Authored MTX's HL7 translation layer for medical data interoperability between MTX's software and clients' vaccination registries.
- Technical lead on client projects.

MTX Group Inc   **Albany, NY**
Software Engineer – Machine Learning   September 2019 – February 2021
- Generating Machine Learning models to streamline internal sales processes
- Developing software for clients and internal company initiatives.
- Identifying assets with ML models, distance calculation, and deduplication of assets from a non-stereoscopic street view camera.

MTX Group Inc   **Troy, NY**
Technical Consultant/Software Developer   May 2018 – August 2018
- Managed and implemented a website design with a global team for a Fortune 500 client.
- Created machine learning algorithms to classify images of hand-written text.

SKILLS/CERTIFICATIONS
- Java, Python, C, SQLite, TypeScript, JavaScript, HTML, CSS, OCaml
- GCP Professional Data Engineer, GCP Associate Cloud Engineer
- Fluent in Russian