Daniel Kiselev

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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 Places API.
- Received FactSets'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

University of Rochester-Mobile App Development   **Rochester, NY**
Teacher's Assistant   January 2019 - May 2019
- Lead weekly sessions to facilitate students in Android development.
- Graded assignments and provided students with clear and useful feedback.

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.

Dwight-Englewood School/ DE 360   **Englewood, NJ**
Technology Teacher Assistant   July 2017 - August 2017
- Taught summer courses on the fundamentals of Unity, Python, and Raspberry Pi.
- Maintained accurate financial records.

SKILLS

- Java, Python, C, SQLite, JavaScript, HTML, CSS, OCaml
- Fluent in Russian