Dmitriy Kagno

☏: 718-644-0130 | ✉: kagno.dmitriy@gmail.com | **Git:** OrangeRed | **Site:** DmitriyKagno.me

Work Experience:

Ecogy Energy

Software Engineer *September 2021 - Present*

- Create scalable functional components using React to implement project design features.
- Deploy service endpoints on internal RESTful APIs using Node and Serverless libraries.
- Develop high quality code by adhering to ESLint standards and strict version control.
- Lead meetings with design team and company executives to define project direction.
- Communicate directly with users on ways to improve product usability and accessibility.

Mathnasium Learning Center

Lead Instructor *September 2017 - Present*

- Teach elementary, middle, highschool and college level math to students of all ages.
- Teach AP and highschool level physics to students in individual and group settings.
- Teach students with learning disabilities and accessibility issues online and in person.
- Standardized the systems necessary to create, update and maintain student curricula.
- Responsible for incorporating proprietary online learning solutions into regular daily use.

Projects:

Image OCR Translator

Utility to look up translations of foreign words from text located in images

- Use Google Translate API to serve translations of words extracted using OCR library.
- Web app with React frontend using Material UI and Node backend for API requests.
- Project Lead for team consisting of four members with issue / story tracking using Asana

Twenty Four Game

An accessible and unique way of gamifying simple arithmetic

- Enables users to endlessly practice arithmetic with random number generation
- Uses backtracking algorithm to ensure solutions are straightforward and open-ended

Education:

John Jay College of Criminal Justice

B.S in Computer Science and Information Security

Acquired Skills:

React, Javascript, Nodejs, Serverless, Docker, Python, SQLite, Mongo, HTML, CSS, C++, Git, Bash, Full Stack, Web Development, Tutoring, Peer Review, Russian, Mathematics, Physics