

DENNIS PAVLYUK

Software Engineer & React Developer

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Rochester, NY

EXPERIENCE

Lead Developer

12/2021 - Ongoing

Mic Check

Austin, TX

A social-media application to connect bands, venues & promoters distributed on web & mobile platforms using NextJS and TypeScript. Users can find shows and visualize usage data using ReCharts

- Implemented UI designs from Figma into optimized MUI v5 React components
- Mentored junior front-end developer on modern React development patterns

Front-End Development Instructor

04/2021 - Ongoing

Monroe Community College

Rochester, NY

A nightly course teaching students the fundamentals of modern CSR web-application development

- Teach classes on skills & tools for modern Frontend Developers from the basics to React w/ NoSQL Firebase database
- Help develop curriculum & teach CSS3 technologies, Git Bash, and Big-O Notation

Freelance Full-Stack Developer (Serverless JAM Stack)

08/2020 - 01/2021

Kalya-UAAGR

Rochester, NY

A local non-profit organization preserving Ukrainian Folk Dances

- Created a React CRUD Application that implemented Firebase Firestore & Serverless Functions for dancer registration
- Processed payments with ExpressJS in a Serverless Function via Stripe API

Computer Science Tutor

02/2020 - 05/2021

The College at Brockport (Educational Opportunity Program)

Brockport, NY

Liberal Arts College located in Western New York

- Guided my student to succeed in understanding Object-Oriented Programming using SOLID design patterns
- Provided a multitude of resources in Java 8 development and taught the programmer's paradigm

PROJECTS

Search & Rescue UAV w/ Machine Learning Human Detection:

<https://docs.google.com/document/d/12oLhu1HgHgBghTIkkQNgJJd8vTIUWh6d8u7zuKQ-S88/edit?usp=sharing>

NVIDIA 3080 In-Stock App: <https://github.com/dpsoccerdude101/Kyles3080>

Infix to Postfix Calculator: <https://github.com/dpsoccerdude101>

Portfolio: <https://github.com/dpsoccerdude101/dpsoccerdude101.github.io>

EDUCATION

B.S. in Computer Science & Philosophy

2018 - 2021

The College at Brockport State University of New York

Front-End Development Professional Certification

2019 - 2020

Monroe Community College



CERTIFICATION

Javascript Data Structures & Algorithms

FreeCodeCamp (March 2020)

Front-End Libraries

FreeCodeCamp (March 2020)

SKILLS

TypeScript · JavaScript · NoSQL · Git · NextJS · ExpressJS · MUI · NodeJS · Python · Web Components · CSS3 · NVIDIA cuDNN

STRENGTHS

★ Technical Leadership

Granted Lead Development role at Mic Check after increasing productivity by assuming technical product ownership.

ACHIEVEMENTS

💎 Undergraduate Research Award (SUNY Brockport) [UAV w/ ML Human Detection]

Integrated an object-detection ML algorithm in a fixed-wing drone made for search & rescue missions & presented my findings at NCUR.

LANGUAGES

English Native
Ukrainian Native

PASSIONS

- ♥ Neuroscience
- ♥ Applied Cryptography
- ♥ Economics/Game Theory