Davyd Kuleba

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EDUCATION

Seneca Polytechnic   Toronto, ON
Computer Programming and Analysis - Advanced Diploma (GPA: 3.5)   *Graduation date: May 2026*

- **Accomplishment:** Winner of two Seneca Hackathon categories, recognized for best innovation and inclusivity project, securing an overall prize exceeding $1000
- **Relevant Coursework:** Data Structures and Algorithms, Software Analysis and Design, Advanced Database Services

SKILLS

Languages: JavaScript/TypeScript, Python, PHP, Swift, HTML/CSS, C++
Technologies: React, Next.js, Express.js, Laravel, Livewire, MongoDB, Firebase, SQL, SwiftUI, Alamofire, Core Data
Tools: Git, Docker, Vercel, Prisma ORM, Xcode, Jira, Figma, Miro

WORK EXPERIENCE

Full Stack Developer   September 2024 – Present
AIR Media-tech

- Developed a full-stack application with Laravel, Jetstream, and Livewire, integrating multiple APIs and optimizing SQL database interactions to improve data management and enhance overall application performance
- Creating and maintaining comprehensive documentation for projects, leading to reduced onboarding time and more productivity from project contributors

Organizer   September 2024 – Present
Google Developer Group at Seneca Polytechnic   **GDG Links**

- Secured $1,000+ in funding and a venue for the group's first event by effectively communicating with the Seneca Student Federation and the Google Developer Groups Support Team, attracting **130+ students**
- Organized an 8-member team across Events, Sponsorship, Tech, and Marketing, holding weekly meetings to set and track progress toward clear goals for the group's launch event

Software Engineer Intern   April 2023 – July 2023
International Restoration Church

- Refactored **Swift** code with modularization and asynchronous operations, improving efficiency, reducing bugs, and achieving a notable **22%** decrease in app load time
- Led the restructuring of a legacy codebase integrating the MVVM design pattern to reduce the onboarding time by **50%** and fostering faster integration into project workflows
- Created interactive map functionality using the **MapKit** framework, which increased user engagement with location-based features

Front-End Developer Intern   April 2021 – August 2021
GoFriends

- Implemented minification and concatenation of CSS and JS files and image optimization using Grunt, which resulted in a **20%** decrease in page load times, significantly enhancing website performance and user experience
- Optimized website for **100%** cross-browser compatibility by using responsive design principles, significantly reducing user-facing issues and enhancing the overall user experience
- Implemented mobile responsiveness and optimized the website for mobile devices using the **Foundation framework** by restructuring layout elements, adjusting font sizes, and incorporating responsive design principles

PROJECTS

Signify | *React, Tailwind CSS, Python, Mediapipe, Tensorflow, Flask, OpenCV, Jupyter Notebook*   **Project Page**

- **Signify** is a gesture-controlled home assistant that allows users to perform various tasks such as controlling lights, checking weather updates, and others
- Integrated a light bulb API to enable users to control brightness and toggle the light on and off based on gestures
- Designed and developed a user-friendly interface using React and Tailwind CSS, leveraged Flask processes recognized gestures and web sockets to pass data from back-end to front-end

ImagiTalk | *React, Next.js, Flask, Python, Cohere API, Docker*   **Project Page**

- **ImagiTalk** is an AI-based messenger app that enables users to engage in nostalgic conversations with childhood characters through character emulation and expressive voice synthesis
- Led Front-End development using **React**, Next.js, Tailwind, and Bootstrap, creating a user-friendly interface
- Trained ML model on character voices, integrating ElevenLabs for expressive voice synthesis, enhancing the conversational experience