Davyd Kuleba

kulebadavid@gmail.com | linkedin/davyd-kuleba | github/glauuucoma | davyd-kuleba.info

EDUCATION

Seneca Polytechnic   Toronto, ON
Computer Programming and Analysis - Advanced Diploma (GPA: 3.6)   *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:** Software Analysis and Design, Advanced Database Services, Data Structures and Algorithms

SKILLS

Web: JavaScript, TypeScript, Python, Java, HTML, CSS, Angular, React, Node.js, MongoDB, Firebase, SQL, Pug
Mobile: Swift, SwiftUI, Xcode, Alamofire, Core Data
Tools and Technologies: Git, Docker, MySQL, Jira, Figma, Prototyping, UI/UX

WORK EXPERIENCE

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

Software Engineer 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

Flixify | *React, Tailwind CSS, Next.js, MongoDB, Prisma, NextAuth*   **Project Page**
- Developed responsive **full-stack Netflix clone** using React, Next.js, Tailwind CSS, Prisma, MongoDB, and NextAuth
- Implemented database functionality using Prisma ORM and MongoDB to manage user accounts, movie data, and personalized lists of favorite movies within the Netflix clone
- Integrated Google Auth and GitHub Auth alongside NextAuth for authentication and developed a responsive UI with Tailwind CSS to ensure a seamless user experience across devices

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