

# Davyd Kuleba

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## EDUCATION

### Seneca Polytechnic

Toronto, ON

Computer Programming and Analysis - Advanced Diploma (GPA: 3.6)

Graduation date: December 2025

- **Relevant Coursework:** Software Analysis and Design, Advanced Database Services, Data Structures and Algorithms
- **Activities:** Seneca Science and Technology Guild, AI Seneca Club

## SKILLS

**Web:** JavaScript, Python, HTML, CSS, React, Node.js, MongoDB, Foundation, SQL, Pug

**Mobile:** Swift, SwiftUI, Xcode, Alamofire, Core Data

**Tools and Technologies:** Git, Docker, MySQL, Jira, Figma, Prototyping, UI/UX

## WORK EXPERIENCE

### Mobile Engineer Intern

April 2023 – July 2023

International Restoration Church

- Created interactive map functionality using the **MapKit** framework, which increased user engagement with location-based features
- Refactored existing code to enhance efficiency and minimize bugs, leading to a noticeable reduction in app crashes and improvement in specific performance metrics, such as a **22%** decrease in app load time
- Implemented the MVVM design pattern to restructure a legacy codebase, significantly reducing the onboarding time for new developers and fostering faster integration into project workflows

### Software Engineer Intern

April 2021 – August 2021

GoFriends

- Improved website performance by optimizing code and reducing page load times by over **20%**
- 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**

## PROJECTS

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

[Project Page](#)

- **ImagiTalk** is an AI-based messenger app enabling 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

**ByteBasket** | React, Grommet, Bootstrap, MongoDB, Node.js, Express.js

[Project Page](#)

- **ByteBasket**, a web app addressing food insecurity challenges by providing effortless inventory browsing, quick checkout
- Crafted UI/UX design through Figma, leading to the implementation of both Front-End and Back-End components
- Demonstrated problem-solving and collaboration skills by leading team organization prior to the hackathon, where we conceptualized and developed an innovative solution to digitize food banks

## VOLUNTEER EXPERIENCE

### Collision Tech Conference

June 2023

Registration Team Volunteer

Toronto, ON

- Assisted in managing a high volume of attendee inquiries, averaging **200+ interactions per day**, ensuring a streamlined the registration process and exceptional attendee satisfaction
- Provided exceptional technical support to attendees by troubleshooting and resolving technical challenges related to the registration system
- Facilitated smooth communication and coordination by connecting individuals with appropriate team leads, optimizing team workflow, and ensuring optimal event operations