

Zaid Dahir

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EDUCATION

York University

Bachelor of Science in Computer Science

Toronto, Ont

Expected May 2026

Relevant Coursework: Software Design, Database Systems, Operating Systems, Data Structures

SKILLS

Languages: Swift, Python, Java, JavaScript, TypeScript, HTML, CSS

Frameworks: SwiftUI, UIKit, React, Angular, Node.js, Alamofire, Core Data, Realm, Firebase, Combine, SwiftData

Development Practices: Agile, Test-Driven Development (TDD), Continuous Integration/Deployment (CI/CD)

WORK EXPERIENCE

TD Bank | Software Engineer Intern

Jan 2024 - Apr 2024

- Led the migration of critical views in TD's call center application from **Swing** to **Angular**, enhancing the responsiveness by **35%** and reducing load times by **40%**, improving the performance for **7,300+** employees handling over **600,000** calls monthly.
- Increased **JUnit** test coverage for API endpoints from **0%** to over **85%**, significantly reducing the likelihood of production bugs and facilitating faster development cycles.
- Authored comprehensive documentation for **30+ RESTful API endpoints**, which accelerated new developer onboarding by **25%** and enhanced team productivity.

Rydup | Software Engineer Intern

Feb 2023 - Apr 2023

- Developed **15+ driver-side screens** for Rydup's iOS app using **Storyboards & SwiftUI**, integrating **MapKit** for navigation.
- Implemented driver-side backend in **Swift**, defining custom models and leveraging **Core Data** for persistent storage, optimizing app performance by reducing app load times by **25%** and enhancing user experience.
- Introduced **Git** version control system, reducing merge conflicts by 5x and improving team collaboration efficiency by 8x.

BlackBoysCode | Chapter Lead, Curriculum Developer, Instructor

Nov 2022 - Present

- Managed operations across **4** chapters, leading **12** instructors to educate over **200** students in **Python**, **JavaScript**, and **Scratch**, improving student retention by **30%**.
- Developed two comprehensive units (Financial Literacy with Python and Prompt Engineering with ChatGPT) for the 2023 summer camp, successfully taught to over **400 students** across North America.
- Developed a **Python** application to automate certificate distribution for **800+** students, reducing operational costs by **\$1,500** annually.

LEADERSHIP

NSBE | Region I (East Canada) Vice Chair

- Revived several dormant chapters, leading to a **6x** increase in overall member engagement across Canada.
- Launched mentorship programs and workshops, fostering STEM interest and skill development for youth.

Google Developer Student Club | Executive

- Led coding workshops for university students, enhancing their technical skills and knowledge.
- Organized and hosted industry speaker events, connecting students with tech professionals.

PROJECTS

EzRhymes | [App Store](#) | [GitHub](#) | *Swift, SQLite3, CocoaPods, Datamuse API*

- Developed an iOS app using **Swift**, **UIKit**, and **SQLite3**, integrating **Apple frameworks** like **Speech** for voice activation and utilizing the **Datamuse API** to retrieve and present rhyming words in a user-friendly table view.
- Engineered dynamic UIs with **Table Views**, **Collection Views**, and custom models, following **MVC architecture** and managing state and navigation through storyboards and programmatic transitions.

Connect X | [App Store](#) | [GitHub](#) | *MVVM, Swift, SwiftUI, Combine*

- Developed a customizable **Connect Four** game in **Swift** using **SwiftUI** and **MVVM**, allowing users to toggle win directions and select board size.
- Enhanced user experience with intuitive UI design and smooth gameplay mechanics using **Swift** and **CocoaPods**.