Zaid Dahir

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EDUCATION

York University   Toronto, Ont
Bachelor of Science in Computer Science   *Expected – May 2027*

SKILLS

Languages: Swift, Python, Java, JavaScript, TypeScript, HTML, CSS
Frameworks: SwiftUI, UIKit, React, Angular, Node.js, Alamofire, Core Data, Realm, Firebase, Combine, SwiftData
Methodologies: Agile Development, Test-Driven Development (TDD), Continuous Integration/Deployment (CI/CD)

WORK EXPERIENCE

Shopify | Software Engineer Intern   **May 2025 - Aug 2025**
- Incoming Software Engineer Intern

TD Bank | Software Engineer Intern   **Jan 2024 - Apr 2024**
- Led the migration of a vital view in TD's call center application from **Swing** to **Angular**, enhancing responsiveness by **35%** & reducing load times by **40%**, improving performance for **7,300+** employees handling over **600,000** calls monthly.
- Increased **JUnit** test coverage for **API** endpoints from **0%** to over **85%**, reducing the likelihood of production bugs & accelerating development cycles.
- Authored comprehensive documentation for **30+ RESTful API** endpoints, accelerating new developer onboarding by **30%** & boosting team productivity by **15%**.

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.

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**, & **Scratch**, improving student retention by **30%**.
- Designed & implemented two innovative units (Financial Literacy with **Python** & Prompt Engineering with **ChatGPT**) for the **2023** summer camp, enhancing the skills of **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   **Jun 2024 - Present**
- Lead a team of **8**, overseeing **15+** university chapters across East Canada, increasing campus engagement by **30%** & growing chapter memberships by **20%**.
- Helped Organize NSBE East Canada's first conference, which attracted **100+** Black students, professionals & allies sponsored by Intuit, & TD Bank.
- **Revived several dormant chapters**, resulting in a **3x** increase in overall member engagement across Canada.

Google Developer Student Club | Executive   **Sep 2022 - Jun 2023**
- Organized coding workshops for university students, enhancing their technical skills & hosted industry speaker events, connecting students with tech professionals.

PROJECTS

EzRhymes | App Store | Github | Swift, SQlite3, CocoaPods, Datamuse API
- Developed a voice-activated app leveraging **Apple's Speech** & **UIKit** frameworks, displaying real-time rhyme suggestions aiding poets & songwriters.
- **Integrated** a **SQLite** database & **utilized the Datamuse API** for retrieving & presenting **JSON** data in a user-friendly table view.

Connect X | App Store | Github | Swift, SwiftUI, MVVM
- Developed a fully customizable Connect Four like game using **SwiftUI** & **MVVM** architecture, enabling users to modify board size, win conditions, & winning directions with responsive UI updates.