*An enthusiastic developer with a broad base of programming and IT skills seeking a* **Full-Stack Developer** *position. Lover of all things math, with an eye for finding and implementing patterns and relationships within code. Enjoys the challenge of coming up with algorithms to solve problems. Into writing clean, concise and efficient code. Finds multi-tasking between different languages for different tasks positively exhilarating. Enjoys mastering new technologies, concepts, disciplines and methods.*

*SKILLS*

**Languages & Tech:**

**Java** (Object Oriented Programming) ∙ **C#** (LINQ) ∙ **SQL/MySQL/PostgreSQL** (SSMS, Stored Procedures, Triggers, MySQL Workbench) ∙ **HTML/CSS** ∙ **XML** ∙ **Git** ∙ *VS 2017/VS Code* ∙ **React** ∙ **JavaScript** ∙ *C* ∙ **Android Development**

Also Acquainted with: *Python, PHP, SpringFramework, Adobe Suite, InkScape, Animation (Toonz)*

*EXPERIENCE*

Full-Stack Web and Android Developer

**“It Is My Experience”, Israel • March 2019 – Present • Contractor**

* Shared in the development of a Mobile based specialized Personal Legacy Journaling system which included integrating a **Web Portal App** and an **Android App** with their shared **PostgreSQL** to ensure that changes made in the Web Portal App would be reflected accurately in the Android App. Implemented communication with the PostgreSQL database using a **Node/Express** development environment on **Linux**.
* Employed **React** to completely craft the aforementioned powerful yet user-friendly Web Portal App, designed to enable an administrator to update a portion of the database containing a list of customized user-prompts that request an array of extensive personalized information.
* Updated the system continuously with new features such as, **AWS Cognito** login/signup/verification, a custom keyboard designed specifically for elderly users, a custom Navigation Drawer, and created numerous layouts as per each activity. Coded in **Android-native Java and XML**.

Full-Stack Engineer Intern

**CoApp, Israel • July 2019 – October 2019 • Contractor**

* Updated and tested new features for a **FinTech** **Web App** coded in **Javascript**, **JQuery** and **ASP.Net.** This included, a **Life-Insurance Needs and Wants Calculator** coded in **C#** from the ground up. Composed an algorithm capable of taking a user’s submitted list of expenses, needs, and wants, and calculating a factor for determination of the user’s insurance premium.
* Enhanced and added interactivity to various **Investor Questionnaires**, bringing them to life with personalized questions based on the user’s real-time responses.
* Collaborated on large-scale multi-coder projects using Git to track simultaneous code changes made by other team members.
* Adjusted **HTML/CSS** code to enhance user-interface. Added media queries to customize an assortment of user interfaces for viewing on mobile devices. Improved aesthetics and corrected visual symmetry (e.g. colors, margins, hovers, alignments and spacing).
* Cleaned-up and debugged system using Chrome Development Tools and VS Debugger.
* Used the following languages and environments - **ASP.Net, C#, LINQ** (LINQ to SQL tools) backed by **SQL Database.**

*EDUCATION*

*AWARDS*

**Computer Science Award of Scholarly Achievement and Academic Excellence** ∙ Touro Spring 2019

**N.Y. Merit Scholarship** ∙ Touro 2017, 2018, 2019

**Dean’s List** ∙ Touro 2017, 2018, 2019

**N.Y.S. Scholarship for Academic Excellence** ∙ N.Y.S 2017

*MAJOR*

**B.S. Computer Science** ∙ August 2019 ∙ Touro College Brooklyn, NY

**GPA: 3.77** / 4.0 ∙ **Major GPA 3.9**/ 4.0

*PROJECTS*

Sticky Note Dashboard• Spring 2019

Backend <https://github.com/dbernste5/sticky-note-application> • Frontend <https://github.com/dbernste5/MyReactApp>

Technologies: Java, MySQL, Spring Framework, Eclipse, CSS, React, GitHub

*A cheerful sticky note experience, offering a great place to post and save colorful personal reminders and to-do lists.*

SMART Course ScheduleR FOR STUDENTs • Fall 2018

<https://github.com/dbernste5/CourseScheduler>

Technologies: Java, SQL, Eclipse with Window Builder, SQL server, GitHub

*An algorithm that adapts a student’s wish-list into a course schedule to suit a school’s offerings. The Smart Scheduler begins analysis with the most infrequently offered courses of the highest priority to the student and works its way up toward more frequently offered courses and those of lesser priority to the student. It always succeeds at crafting a close-to-perfect schedule, taking the hassle out of a very tedious manual task faced by college students.*