Randall S. Ryan

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##### EDUCATION

**Wentworth Institute of Technology | Boston, MA** Graduation: Aug. 2021

Bachelor of Science in Computer Science, Minor in Applied Mathematics

**GPA:** 3.31/4.0 | Deans List (One Semester)

**SKILLS**

**Programming Languages:** JavaScript, HTML, CSS, XML, C, JavaScript, SQL

**Development Software:** Visual Studio Code, Android Studio, Xcode, Git, Eclipse, Wireshark, Excel, RStudio

**Operating Systems:** MS Windows 10, Mac OSX 11 & 10, Unix/Linux, Kali

##### WORK EXPERIENCE

**GoWith | Jerusalem, Israel** Sept. 2020 – Dec. 2020

*Full Stack Developer*

* Collaborated with other interns through GitHub on the Ionic/Angular/Cordova project framework
* Tested and implemented back-end JavaScript functions and front-end CSS design for page mock-ups
* Developed async/await functions for back end application functionality and a user friendly interface
* Handled JSON data from Aviation Stack and Flight Stats API calls for flight information purposes
* Created a flight number comparison API search method for incorrect user input cases to show close matches
* Designed and coded a password requirement functionality when a user is creating an account
* Managed Firebase authentication handling purposes for login and register pages

**Harvard Graduate School of Education | Cambridge, MA** Jan. 2020 – June 2020

*IT Help Desk Technician*

* Helped students and staff with technical issues on their phones and laptops
* Consistantly solved problems that arose and explained to customers how to handle these complications
* Imaged computers and helped customers get started with their newly imaged computer
* Set up classrooms in need of technical support and answered phone calls throughout the work day

##### PROJECTS

**BusyQuizzy | Web Development (Individual)** Jan. 2021 – May 2021

* Designed an HTML/CSS/JavaScript project with Firebase Authentication, Cloud Database, and Hosting services
* Implemented user login/register pages with a balance system and shop page, designed to keep users engaged
* Designed functionality for quiz taking and creating purposes through Firebase Cloud Database
* Developed an accessory to assist users in taking quizzes and choosing the correct answer
* Received a 101% final grade for this quiz taking project, similar to Quizlet or Kahoot

**codersPlatform | Mobile App Development (Individual)** Jan. 2021 – May 2021

* Successfully implemented a post message function and public/account feed display
* Account based application with account pages, search features, and profile pictures
* Received an A final grade for this social media based project targeted towards developers

**CHIAP | Network Programming (Group)** Sept. 2018 – Dec. 2018

* Achieved the highest grade in the class by creating a chat program with a JavaFX GUI and Java server
* Programmed a desktop application that connects multiple clients to the main server
* Designed so that clients may have the option to chat and/or play interactive games

##### ACTIVITIES

Wentworth Men’s Lacrosse | Four year varsity letter winner | NCAA Sept. 2017 – May 2021

##### AWARDS

Presidential Council of Student Athletic Advisory Committee Sept. 2019 – May 2021

2019 Spring Academic All-Conference Team June 2019