Randall S. Ryan

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<https://randysryan.com>

##### 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

**SKILLS**

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

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

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

##### RELEVANT WORK EXPERIENCE

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

*Full Stack Developer*

* Collaborated with other interns through GitHub developing on the Ionic/Angular/Cordova project framework
* Developed async/await functions for back end application functionality based off given page mock-ups
* 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 for when a user is creating an account
* Managed Firebase authentication handling 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/laptops and how to avoid them in the future
* Imaged computers and assisted customers with getting started on their new machine
* Arranged classrooms in need of technical support and answered phone calls throughout the work day
* Remotely expanded a data set of potential clients by sorting information into an excel spreadsheet

##### PROJECTS

**My Tracker | Personal Tracking Project (Individual)**  June. 2021 – Now

* Developed a task, exercise, and food/nutrition tracking platform with HTML/CSS/JS and Firebase
* Created a back end node js server with firebase hosted Twilio API functions for user task entry text notifications
* Managed FDC USDA API calls to display daily and weekly nutrition ratio details based off user entries
* Designed a public feed for gym related posts with comment, like, and follow features between accounts

**BusyQuizzy | Web Development (Individual/Group)** 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
* Developed a quiz helper accessory for purchase with the user balance to assist users in taking quizzes
* Created functionality for quiz taking and creating purposes through Firebase Cloud Database
* Received a 101% final grade for this quiz taking project, similar to Quizlet or Kahoot

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

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

##### 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