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

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