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