Ty Aaron Ponzo

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Education

Bachelor of Science in Computer Science   Anticipated: May 2022
The University of Texas at Dallas, Richardson, TX   GPA: 3.83/4.00

Skills

Programming Languages: Java, C++, HTML, TypeScript, CSS, C, C#
Software/Frameworks: Azure DevOps, Git/GitHub, .NET, AngularJS, Firebase, Flutter, Android Studio

Work Experience

IT Intern/Associate – *Ethos Group*   Summer 2020 – Present
- Developing web application with **AngularJS** for interactive web features and **.NET** for REST APIs
- Utilize **CI/CD** with **Azure DevOps** for continuous code testing, reviewing, and releasing
- Collaborating with team of 7 using **SCRUM/AGILE** principles to develop/maintain web-based software

Projects & Activities

ACM Projects – *Association for Computing Machinery*   Spring 2020
- Developed a mobile application with **Flutter** that focused on generating unique passwords based on user input and web-scraping
- Focused on back-end using **Firebase** to create, store, and share user data
- Coordinated team of 3 by setting up frameworks, delegating tasks, and setting timelines

Hack UTD   Fall 2019
- Developed a mobile application using Android Studio (**Java**) that focused on connecting users to local social events
- Focused on User Interface to maximize user preferences/control and user satisfaction
- Coordinated team of 4 by designating work and managing team members through **GitHub**

Lead Programmer – *Robotics (VEX EDR)*   Fall 2017 – Spring 2019
- Developed code for competition robot to preform controlled and autonomous tasks
- Coordinated with engineers, distributed work, and mentored/taught underclassmen RobotC programming
- Collaborated with team of 8 for designing and building process

Speaker – *STEM Outreach*   Fall 2018 – Spring 2019
- Presented in local high school and elementary schools to raise awareness of different opportunities in pursuing STEM education
- Designed presentations to include personal projects such as interactive games, simple robots, and data manipulation to demonstrate different applications of coding-based STEM courses

Integral Calculator – *Computer Science II*   Fall 2019
- Developed a calculator to compute definite and indefinite integrals using **C++**
- Incorporated data structures (binary tree, etc.) to maximize runtime efficiency

Other

Sales Associate – *Bridal Designs and Tuxedos*   Summer 2016 – Summer 2020
- Ensured customers receive excellent service by assisting with questions, needs, and purchases
- Performed regular tasks including cleaning, managing inventory, and completing transactions to ensure streamline service and to maintain store quality