Angela (Angie) DeMarco

Education

B.S. | May 2020 | Penn State University
· Major: Information Sciences and Technology
· Minor: Security & Risk Analysis, Sociology

May 2016 | Springbrook High School
· International Baccalaureate (IB) Diploma
· Academy of Information Technology (AOIT)
· Justice, Law, and Society program (JLS)

Technical Skills

Experienced with Java, SQL, JavaScript, HTML, CSS, C#, Python, SCRUM framework

Projects

Customer Satisfaction Tab | Microsoft
· Displayed customer satisfaction over time using feedback data from tenants
· Collaborated with 2 other interns and traded the roles of PM and Software Engineer throughout the process

Nittany AI Challenge | Penn State University
· Implemented ML and rule-based algorithms to give students immediate feedback on freeform text
· Collaborated with one other student and Dr. Jeffrey Rimland on technical side as well as 2 librarians for context

Research Assistant | Penn State University
· Designed layout for app to aid professors in evaluating student progress on course objectives
· Collaborated with 4 other students under direction of Dr. Steven Haynes

Hands Up | DC Hacks Hackathon
· Developed an app to inform users of laws specific to each state to help reduce confusion
· Independently developed further after hackathon

ExperiWOMENtal | Springbrook High
· Designed an app to help eradicate gender gap in STEM fields by encouraging girls to engage in science and tech
· Won People's Choice Award for 2015 Network for Teaching Entrepreneurship (NFTE) Innovation Competition

Work Experience

Explorer Intern | Microsoft | May 2018 – Aug 2018
· Acted as Project Manager and Software Engineer, extracted and interpreted data
· Collaborated with 2 other interns on the customer satisfaction tab project

Learning Assistant | Penn State University | Jan 2018 – present
· Aid students in secondary-level programming courses, grade assignments, hold office hours

Instructor | iD Tech Camps | June 2017 – Aug 2017
· Independently taught groups of up to 8 children age 7-17 variety of programming and game design skills

Activities

Orchesis Dance Company
· Secretary/Homecoming Chair 2018-2019: record attendance, organize homecoming routine, set up Orchesis events and showcases with other executive board members
· THON Family Relations Chair 2017-2018: communicated between Orchesis and our THON families

Phi Eta Sigma (national honor society)
· Webmaster 2017-2018: created and maintained Instagram account, updated website