JORDAN LEWIS

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EDUCATION

B.S. Computer Science   Expected May 2019
Arizona State University, Tempe, AZ   GPA: 3.41
Honors: New American University Scholarship - Dean's Award   2015-2019

TECHNICAL SKILLS

Programming Languages: C, C#, C++, CSS, HTML, Java, Javascript, MATLAB, Python, Typescript
Technologies: Angular 6, Angular Unit Testing, Command Line Interface, Git (BitBucket, GitHub, GitLab), Jira Issue Tracking, MarkLogic, Node.js, Unity
Operating Systems: Windows, Linux, MacOS

EXPERIENCE

Lawrence Livermore National Laboratory, Computation Directorate, Livermore, CA
Computation Scholar Intern   May-Aug. 2018
- Worked with a team on a unified data storage solution to address the growing data management needs at LLNL.
- Participated in the development of the front-end web app to serve as the user interface, using Angular 6.
- Collaborated in Scrum project management planning to ensure project deadlines were met.
- Created an LLNL internal homepage in HTML for the Nondestructive Evaluation Group. Serves as a location for customers to locate the data archive portal, mission statement, and team member contact information.

Computation Scholar Intern   May-Aug. 2017
- Created a web application (Enterprise Architecture Tool) using JavaScript that visually represents interconnected dependencies between software packages. The tool helps reduce downtime when updating/changing software by limiting unforeseen conflicts.
- Attended weekly technical staff meetings and technical seminars.

Computation Scholar Intern   May-Aug. 2016
- Created import templates/scripts using Java APIs to enable component and material data file import into a commercial material information management system.
- Attended weekly technical staff meetings and technical seminars.

PROJECTS

JordanAllenLewis.com
Personal Website   Aug. 2018
- Designed and built using Angular 6 (Typescript, HTML, CSS) to showcase my skills, interests, projects, academic achievements, and contact information.

m.JordanAllenLewis.com
Mobile-Friendly Version of Personal Website   Sept. 2018
- Designed and built this mobile version of my personal website using Ionic (Typescript, HTML, CSS).

ASU, Senior Capstone Project I
Training Management System   Aug. 2018 - Present
- Currently collaborating in a team of six to design and develop a user-friendly web-based training management system for ASU Health Services.
- Using Angular 6 and Node.js.

ASU, Human Computer Interaction
Redesigned LLNL Homepage   Apr. 2018
- Utilized Axure to create a mockup redesign of the Lawrence Livermore National Laboratory homepage.
- Results of the two-sample t-test showed that the difference in time to find the desired information between the experimental group (redesigned mockup) and control group (original website) was significant, with a t-value of 2.64575 and p-value of 0.029449.

ASU, Devils Invent Hackathon
Augmented Reality Program   Nov. 2016
- An augmented reality program aimed to help users with learning disorders.
- Conceptualized and constructed in 72 hours at the Devils Invent Hackathon at ASU by myself and one other computer science student.
- Used the Unity engine to create a controlled environment, and Leap Motion to detect the users hand movement. Used C# to link the hand movement to audio so that when the user points to an object the computer recites back the name of the object.

ACTIVITIES

ASU Software Developers Association (SoDA)   2017-Present
- Participate in weekly meetings to expand my involvement in the engineering community and connect with other students that are passionate about science, technology, programming, and software engineering.