

# JORDAN LEWIS

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## EDUCATION

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### B.S. Computer Science

Arizona State University, Tempe, AZ

Honors: New American University Scholarship - Dean's Award

Graduated May 2019  
Major GPA 3.64 / Overall GPA 3.47  
2015-2019

## EXPERIENCE

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### MKS Instruments, Spectra-Physics Lasers Group, Santa Clara, CA

#### Data Analyst Intern

June 2019-Present

- Supporting the product marketing group by developing dashboards in Microsoft Power BI, and performing data analytics utilizing a SQL Microsoft Azure Cloud database.

### 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

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### JordanAllenLewis.com / m.JordanAllenLewis.com

Personal Website

Aug. 2018

- Designed and built a desktop version of my personal website using Angular 6 (Typescript, HTML, CSS), and a mobile version using Ionic (Typescript, HTML, CSS) to showcase my skills, interests, projects, academic achievements, and contact information.

### ASU, Senior Capstone Project

Training Management System

Aug. 2018 – May 2019

- Collaborated in a team of six to design and develop a user-friendly web-based training management system for ASU Health Services.
- 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.

## TECHNICAL SKILLS

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**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, iOS

## ACTIVITIES

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### ASU Software Developers Association (SoDA)

2017-2019

- Participated in weekly meetings to expand my involvement in the engineering community and connect with other students that are passionate about science.