

# Nathan Clayton

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## EDUCATION

### WEST TEXAS A&M UNIVERSITY

#### BS IN COMPUTER SCIENCE

Graduated with Honors May 2020  
Canyon, TX GPA: 3.95

Activities: Master the Mainframe (Part 2 Winner), Association for Computing Machinery

### SOUTH PLAINS COLLEGE

Grad. May 2018 | Levelland, TX

Vice President – Student

Entrepreneur Club

## SKILLS

### PROGRAMMING

1000+ lines:

Java, Python, C++, JavaScript, C#,  
Typescript, HTML/CSS, COBOL,  
REXX, Assembly

Familiar:

Ruby, Perl, Bash, MATLAB

### FRAMEWORKS

Proficient:

Angular, Ionic, Bootstrap, Express

Familiar:

Project Clarity, NET, Entity

### TOOLS/TECHNOLOGIES

Proficient:

Command Line, Linux, VS Code,  
Microsoft Office, Git, JIRA, Node,  
SQL Server Management Studio

Familiar:

Firebase, Subversion, Windows  
Forms, MongoDB, Artifactory

### SOFT SKILLS

Proficient:

Communication, Problem Solving,  
Team Building, Respectful,  
Adaptable, Collaboration

Improving:

Public Speaking, Leadership,  
Creativity, Research

## JOB EXPERIENCE

### VISA, INC | SOFTWARE ENGINEER INTERN

May 2019 - August 2019 | Austin, TX

Automation Project (Received Full-Time Return Offer)

- Automated onboarding process for new APIs
- Reduced time to onboard an API by over 98%
- Increased Software Engineer productivity
- Developed using MEAN stack

Team Building Project

- Organized team building event to promote networking
- Collaborated with Director, Event Planning, and Human Resources to ensure success of the event

### CAPROCK CUSTOM APPLICATIONS | JUNIOR DEVELOPER

February 2018 – January 2019 | Lubbock, TX

Angular Web Application

- Created services to load data from NoSQL Firestore Database
- Utilized Angular for front-end development

Ionic Mobile Application

- Implemented barcode scanner to retrieve data objects using native components
- Created reactive forms with custom validation
- Integrated Google Maps with custom weather overlays

.NET Web Application

- Maintained existing project codebase
- Redesigned various UI elements for modernization

## OTHER EXPERIENCE

### UNIVERSITY INNOVATION FELLOWS | STUDENT FELLOW

July 2014 – Nov 2014 | Stanford, California

- One of two students chosen by South Plains College Administration to participate in prestigious, competitive program
- Participated in three day Design Thinking workshop hosted at Stanford's d.School and Google Headquarters
- Utilized learned skills to cultivate a long-lasting culture of innovation and entrepreneurship at South Plains College

### NASA'S NCAS | AEROSPACE SCHOLAR

October 2017 – February 2018 | Houston, TX

- Prototype and test simulated Martian rover on a team mentored by NASA engineer
- Twenty hours online course work with ten page final report on NASA's Evolvable Mars Campaign
- Attend briefings lead by NASA engineers and scientists