

# Christian Jimenez

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| GitHub: <https://github.com/Chr1sti4n0>

## Objective

Full-stack software developer seeking opportunity to alleviate everyday difficulties in community through the use of technology.

## Skills

Manufacturing: Solidworks, Pro/Engineer, Measuring Instruments, GD&T, JIRA

Project Management: M.S. Project, Project Charter

New Product Introduction: System Optimization/Redesign, Weight Reduction, Value Engineering

Languages: Spanish (Fluent)

Programming Skills: MySQL, Node.js, Express, Handlebars, Git, Web APIs, Third Party APIs, Object Relational Mapping, Model-View Controller, React

Technologies: Javascript, HTML, CSS

## Projects

Weather Dashboard | GitHub: <https://github.com/Chr1sti4n0/Weather-Dashboard> | Deployed Project: <https://chr1sti4n0.github.io/Weather-Dashboard/>

- Search for any U.S. city to find the current temperature, wind speed, humidity level, UV index and 5-day forecast
- Pull data from third-party APIs (OpenWeather API) called through URL parameters
- Technologies Used: Javascript, HTML and CSS

Team Profile Generator | GitHub: <https://github.com/Chr1sti4n0/Team-Profile-Generator> | Deployed Project: <https://vimeo.com/667612617>

- Create profile cards for a team of professionals that include their employee ID, email, github and office number
- Create Node.js application which utilizes inquirer and generate test files for each employee type.
- Technologies used: Javascript, Node.js, HTML, CSS

Stats-Tracker | GitHub: <https://github.com/lilslash/Stats-Tracker> | Deployed Project: <https://super-statz.herokuapp.com/>

- Create a personal account or login, select a video-game from the provided list and record gaming statistics.
- Develop models and API routes for specific video-game category
- Technologies used: Javascript, MVC Paradigm, Server-Side API, user authentication and MYSQL DB

## Experience

### **Collins Aerospace (A Raytheon Technologies Subsidiary), Phoenix, AZ**

Project Engineer 1 (February, 2019 - October, 2021)

- Optimized multiple liferaft configurations and reduced their weight to meet customer requirements
- Qualified an essential material used on a variety of evacuation system configurations
- Redesigned packboard with new edge fill to address field issue
- Developed project charter, project schedule, and qualified flame retardant materials that meet FAA requirements
- Provided engineering disposition for quality notifications that arose on the production floor

### **Able Aerospace Services a Textron Company, Mesa, AZ**

Manufacturing Engineer (March, 2018 - February, 2019)

- Fixed Wing Support: Contacted Boeing regarding out of bound repair dimensions, requested acceptance of new dimensions and permission to proceed with repair; updated repair routers as needed.
- Developed overhaul instructions for Cessna Starter generator using OEM data.
- Trained under Level 3 Fluorescent Penetrant Inspectors in order to become a Level 1 inspector and the designated production support Engineer for the Non-Destructive Testing cell.

Engineer 1/Production Support Engineer (May, 2017 - March, 2018)

- Wrote repair and overhaul part routings for fixed and rotor-wing parts.
- Reviewed part routings written by other Engineers, approved and sent them out into the production floor.

Intern Engineer (June, 2014 - May, 2017)

- Revised repair documents for fixed and rotor-wing aircraft parts.
- Developed work instructions for performing avionics and structural upgrades on Bell Helicopters.

## **Education**

**University of Arizona Coding Bootcamp**  
Full Stack Web Development

March, 2022

**Grand Canyon University, Phoenix**  
Master of Business Administration

June, 2020  
GPA: 3.80

**Arizona State University, Mesa**  
B.S.E. Mechanical Engineering Systems  
Secondary Focus: Manufacturing Engineering

May, 2017  
GPA: 3.05