



# ALEXANDER BUCZYNSKY

Systems Architect / Software Engineer | FRISCO, 75034, UNITED STATES | 8133005057

## DETAILS

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## LINKS

[Portfolio \(alexbuczynsky.github.io\)](https://alexbuczynsky.github.io)  
[Github \(github.com/alexbuczynsky\)](https://github.com/alexbuczynsky)

## LANGUAGES

English

German

## SKILLS

Docker

Typescript

Python

AWS

Modbus

Node.js

C#

Golang

JavaScript

React.js

Angular

Nest.js

Express.js

MQTT

S7

Swagger

## EMPLOYMENT HISTORY

### Senior Software Engineer at Siemens, Dallas, Texas

May 2017 — Present

- Responsible for the design and implementation of the microservice architecture in Sm@rtGear automation products.
- Lead software developer for the Siemens Edge DCU product.
- Responsible for Mindsphere cloud application development, deployment, and distribution.
- Responsible for developing IOT solutions for Energy Utility Applications.

## INTERSHIPS

### Automated Guided Vehicle Developer at Audi AG, Ingolstadt, Germany

May 2016 — November 2016

- Involved with the development of the Audi Automated Guided vehicle (AGV) for use in assembly line production at Audi, AG.
- Developed a software application to track an automated guided vehicle AGV using both indoor and outdoor localization, providing a way to dynamically start the robot from any position in a production environment by interpolating wireless and bluetooth signals.
- To see more click here: [alexbuczynsky.github.io/projects-audi-agv](https://alexbuczynsky.github.io/projects-audi-agv)

### CAD Systems Automation Specialist at Pharmaworks Inc, Odessa, Florida

May 2013 — May 2015

- Responsible for automating the workflow of Mechanical Engineers working on Thermoforming Machines.
- Using a plugin for Solidworks called Driveworks, a program was created that automated the parts, assemblies, and drawings for an entire assembly line.
- More information can be found here: [alexbuczynsky.github.io/projects-cad-automation](https://alexbuczynsky.github.io/projects-cad-automation)

## EDUCATION

### Bachelor of Science in Mechanical Engineering, University of Florida, Gainesville, Florida

August 2015 — May 2018

- GPA 3.42 / 4.00
- Dean's List: UF Herbert Wertheim College of Engineering

### Associates of Arts, St. Petersburg College, Tarpon Springs, Florida

August 2013 — May 2015

- GPA 3.58 / 4.00
- Graduated Cum Laude, Dean's list
- Phi Theta Kappa Honor Society