

# Bailey Allan

## AUTOMATION SYSTEM ENGINEER

Hard worker, ambitious, adaptable, highly motivated engineer. Worked as part time TA with experience as automation engineer. A leader who is able to convey idea clearly, building trust and motivation on both individual and group scale in order to provide positive learning environment. A positive role model who contribute within the university community.

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📍 Chicago, Illinois, US

🌐 [linkedin.com/in/bailey](https://www.linkedin.com/in/bailey)

## SKILLS

Decision making skills  
Ability to multi-task  
Communication skills

Presentation skills  
CAD software proficiency  
Mechanical Design

Electronics design  
Software development  
Embedded systems design

## EDUCATION

### Master of Mechanical Engineering

University of Southern California *Aug 2018 - Present*

Excellent with GPA 3.6

### Bachelor of Mechanical Mechatronics Engineering

San Jose State University *Sep 2012 - Jun 2017*

Excellent with Honors GPA 3.81

## EXPERIENCE

### Automation System Engineer

Suzuki Electronics *Feb 2018 - May 2019*

- Created and designed Panel Components.
- Software and logic design to fulfill customer needs as requested.
- Graphics for the SCADA system.
- Software and logic debugging and testing.
- Performing Factory Acceptance Test (FAT).
- Performing Site Acceptance Test (SAT).
- Diagnosed technical problems, reported issues, and suggested solutions.
- Isolated faults for repairs.
- System Commissioning.
- Lead training program to bring new members to company standard.
- Created as-built documents detailing system Components and new implementations.

### Teaching Assistant

NIT Technology & Maritime Transport *Sep 2017 - Present*

- As a teaching assistant learned how to coordinate with the lead teacher and how to fulfil coarse outcomes.
- Observing Students progress through tutorials and exercises.
- Teaching material and methods development.
- Develop Engineering and scientific thinking.
- Increasing the awareness for Environmental and sustainability engineering.

### Maintenance Engineer

MNT Engineers - New York *Jan 2016 - Feb 2016*

- Engine overhauling and maintenance.
- Workshop safety procedures.

- Familiarization with suspension system, Transmission, and malfunctions diagnosis by DHL diagnosis unit.
- Familiarization with Internal combustion engine and it's parts.

## PROJECTS

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### Quality Assurance

**Automation Engineer** *Mar 2018 - Jun 2018*

- Performing Site Acceptance Test (SAT).
- Diagnosed technical problems, reported issues, and suggested solutions.
- Isolated faults for repairs.
- System Commissioning.
- Lead training program to bring new members to company standard.
- Created as built documents detailing system Components and new implementations.

### BMW - Waste Water Treatment Station

**Automation System Engineer** *Jun 2018 - Nov 2018*

- Software and logic design to fulfill customer need as requested.
- Software and logic debugging and testing.
- Graphics for scada system.

## COURSES

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### Embedded system diploma

**San Jose State University** *Apr 2019 - Sep 2019*

### Diploma in Electronics & Electrical Engineer

**Columbia University** *Mar 2015 - Mar 2015*

## LANGUAGES

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English

German

French