**Jake Garlits**

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(260) 366-3797 | jtgarlits@gmail.com

# Education

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| Trine University Expected Graduation: May 2021 Angola, Indiana Expected Bachelor of Science in Computer EngineeringExpected Bachelor of Science in Software Engineering Undergraduate GPA: 3.315Expected Master of Business Administration (December 2021) Graduate GPA: 3.667 |

# Programming Skills

* Proficient in: C, C++, Python
* Familiar with: Visual Basic, Java, LabView, Assembly, Verilog

# Work Experience

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| Food Server; Angola, IN Captain’s Cabin   * Provided quick and friendly service to patrons of the restaurant.  Sales/Customer Service Intern; Angola, IN Budget Inks   * Competed sales to customers through phone calls, online orders, and purchase orders. * Used QuickBooks to keep track of sales, inventory, and customers. * Managed a customer retention spreadsheet to contact customers with large time periods between sales  Resident Assistant; Angola, IN | **June 2020 – Present**  **May 2020 – August 2020**  **Aug 2018 – May 2020** |

Trine University

* Facilitated the social, academic, and person adjustment of students to college life.
* Enforced the rules and policies of Trine University residence life, housing, and student services.

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| Controls Engineering Intern; Huntington, IN | **May 2019 – August 2019** |

Shuttleworth

* Worked alongside Controls Engineers to assemble, wire, and test conveyor systems.
* Learned basic ladder logic programming for PLCs.
* Used AutoCAD Electrical blueprints to wire elaborate electrical systems.

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| Lab Technician Intern; Fort Wayne, IN | **May 2018 – August 2018** |

YRG, Inc.

* Completed evaluations, repairs, and replacements of Yamaha Robots.
* Programmed automation applications for customer using Yamaha controllers and software.
* Integrated Amazon Alexa into Yamaha SCARA robot using a Raspberry Pi and Python.
* Source code, white paper, and video can be found at: <https://bit.ly/2KxODLL>

# Leadership

* **Vice President -** Institute of Electrical and Electronic Engineers (IEEE)
  + Planned events and activities for Trine IEEE members.
* **Secretary -** Trine University Student Government
  + Worked on Finance Committee to approve money requests from other organizations.
* **Secretary** - Eta Kappa Nu (HKN) Honors Society of IEEE
  + Recorded and documented information at HKN meetings.
* **Philanthropy –** Sigma Phi Epsilon Haunted House and SpikeFest Volleyball Tournament
  + Helped plan, build, and work haunted house and volleyball tournament to raise money for child with cancer.
* **FIRST Robotics**
  + FRC Robotics Team placed 7th in the world as design lead, head strategist, and team leader.
  + Mentored FLL robotics team 2015-2017.

# Organizations and honors

* Trine University President’s List (1 time)
* Trine University Dean’s List (2 times)
* Eta Kappa Nu (HKN) Honors Society of IEEE
* National Society of Leadership and Success (NSLS)
* Sigma Phi Epsilon Fraternity
* Trine Disc Golf Club