

Christopher M. Korabik

Summary

QA Automation Engineer at United Technologies Corporation. Has an M.S. in Mechanical Engineering from Georgia Tech with a focus on robotics and controls. Has a B.S. in Physics from DePaul University with a Mathematics Minor. Experienced working both in engineering industry and research. Ambitious leader with excellent communication skills. Seeking a full time position relating to robotics and controls engineering.

Skills

Professional Experience:

- MATLAB
- Python
- Microsoft Office

Academic/Personal Experience:

- C
- Java
- Embedded Programming
- Controller Design
- Autodesk Inventor
- AutoCAD

Relevant Experience

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| | Automation Engineer <i>United Technologies Corporation</i> |
| 2019-Present | <ul style="list-style-type: none">• Writes Python code, tests and debugs programs, and improves the functionality of existing systems• Participates in company meetings to understand user requirements and help reach technical solutions using behavior-driven development and agile methodology |
| | Mechanical Engineering Graduate Intern <i>Valdes Engineering Company</i> |
| 2019 | <ul style="list-style-type: none">• Prepared estimates, bills of materials, construction drawings, and other engineering documents for a variety of clients, primarily BP's oil refinery in Whiting, Indiana• Participated in client meetings to determine job requirements, discuss progress of job-related problems, and find solutions to those problems |
| | Physics Teaching Assistant <i>DePaul University</i> |
| 2017 | <ul style="list-style-type: none">• Assisted introductory physics students and helped teach the concepts of the course• Worked with one professor and one other teaching assistant to make necessary preparation for weekly laboratory experiments |
| | Research Experience for Undergraduates (REU) Research Intern <i>Northwestern University</i> |
| 2017 | <ul style="list-style-type: none">• Contributed to a mechanical engineering research project funded by the NSF and led by a faculty member with guidance from PhD students at Northwestern• Researched ways to make stress measurements on thin films of metal using the picosecond ultrasonic method• Composed a final technical paper and delivered a 15-minute presentation at a final symposium |

Education

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| | M.S. in Mechanical Engineering <i>Georgia Institute of Technology</i> |
| 2018-2019 | <ul style="list-style-type: none">• GPA: 3.7/4.0• Notable Courses: Robotics, Advanced Mechatronics, Machine Vision, Linear Control, Digital Control, Advanced Control Design and Implementation, Engineering Design |
| | B.S. in Physics, Minor in Mathematics <i>DePaul University</i> |
| 2014-2018 | GPA: 3.95/4.0 |

Activities/Honors

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| 2019-Present | Volunteer Assistant Coach for the Georgia Tech Cross Country and Track Team |
| 2018-2019 | Member of the Georgia Tech RoboJackets Competitive Robotics Club |
| | NCAA Division 1 Cross Country/ Track and Field <i>DePaul University/ Georgia Tech</i> |
| 2014-2019 | <ul style="list-style-type: none">• 2016-2018: Team Captain (Captain's Council Executive Board Member 2017-18)• 2017 Big East All-Conference Cross Country Athlete |
| 2012 | Eagle Scout <i>Boy Scouts of America</i>
Organized a blood drive for Eagle project that has become an annual community event |