

# Patrick Landers

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## Summary

Adaptable and creative computer engineering student with a desire to find solutions to the problems at hand. I am looking for internship opportunities where I can reach and exceed goals inline with the company's vision while improving myself through hands on experience.

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## Education

### Rochester Institute of Technology - Kate Gleason College of Engineering

December 2019

Bachelor of Science in Computer Engineering

Immersion in Astronomy

### Brooklyn Technical High School

June 2014

Aerospace Engineering

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## Skills

- Languages: C, C#, C++, Java, VHDL, Python, Assembly, Javascript, VBScript, VBA, Matlab
- Operating Systems: Windows, Mac, Linux
- Software: Xcode, Unity, Excel, Git, Visual Studio, Test Complete

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## Experience

### Crestron Electronics - *Software Engineering Intern*

January - August 2018

- Created and maintained automated tests of software products
- Exposed bugs and exceptions that could be nearly impossible to find through manual testing
- Discussed the tested products with developers to receive insight on possible future bugs

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## Projects

### Automated Testing of Crestron's Pyng

- Created foundation for the automated UI testing of Crestron's Pyng system in 2018
- Worked closely with developers to ensure the product was tester friendly, making it easier to find issues
- Interfaced multiple levels of Pyng to create dynamic tests capable of performing a variety of operations

### Programmed and Raced Autonomous Model Car

- Won 1<sup>st</sup> place in a class wide NXP Cup race
- Using C, Interfaced ARM micro-controller with a camera, a servo, and two DC motors
- Collaborated with a fellow classmate to produce the best performing car

### Excel Compiler

- Used VBA and Excel as a compiler that would generate automated UI tests
- Turned difficult UI test creation into a more user friendly format

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## Extra Curricular

### Clipboard History

- Used WPF and C# to create a Windows application
- Created a clipboard application that is superior to the Windows clipboard by providing more functions

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## Interests / Hobbies

- High School Football Captain and Wrestler
- Languages: Beginner Russian and Intermediate Spanish