

# Lucas Biery

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[Github.com/tiecoon](https://github.com/tiecoon)

## Education

Rensselaer Polytechnic Institute

Bachelor of Computer Science

August 2016 – May 2019

(Expected)

## Projects

**B7** An internal tool used by RPISEC.

A tool written in rust to perform side channel attacks on certain executables.

Reasons about program input validation using the instruction count of each execution

**Parrot** [github.com/twizmwazin/Parrot](https://github.com/twizmwazin/Parrot)

Working on creating a Minecraft server alternative rewritten in go

Working with a small team of developers to understand the protocols involved

Learning skills including, git, and cooperating with other developers

**Magic Mirror** [github.com/MrLever/MagicMirror](https://github.com/MrLever/MagicMirror)

A summer project with a friend to collect info from APIs we want and display on a monitor powered by a Raspberry Pi, using HTML CSS and JavaScript.

## Interests

Reverse engineering, binary exploitation hardware hacking

System administration, software development

## Languages

Rust, C, C++, Python, Go, JavaScript, L<sup>A</sup>T<sub>E</sub>X

## Experience

Member of RPISEC - RPI Computer Security

– Compete in CTFS and help teach skills at weekly meetings

Participate in wargames in my spare time

– Wargames are challenges hosted online for you to solve relating to various fields such as, web, crypto, reversing, and pwning which offer opportunities to test my skills and learn.

– Some wargames I participate in are reversing.kr, Microcorruption, pwnable.kre, and Over-TheWire

– Comptia A+ and Security+ certified

## Past Work

**Beach Rentals** *National WaterSports – Clearwater Beach*

June 2017 – August 2017

Rented and sold umbrellas, and helped customers with jet ski rentals

**Cashier** *Ace Hardware*

June 2017 – August 2017

Worked a retail floor and assisted and checked out customers