

Lucas Biery

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

Education

Rensselaer Polytechnic Institute

Bachelor of Computer Science

August 2016 – Present

Projects

B7 An internal tool used by RPISEC.

A tool written in rust to perform sidechannel attacks on a binary.

Tests various formatted input and checks how many instructions are performed to determine a possible valid combination.

Parrot 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

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, \LaTeX

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 include, reversing.kr, Microcorruption, pwnable.kre, and OverTheWire

Past Work

Beach Rentals *NationalWaterSports – 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