

# Matthew Niemiec

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## Summary

A passionate computer science student with experience in software development and cybersecurity, looking to pursue opportunities in network security

**Active security clearance:** TS/SCI

## Education

*University of Colorado at Boulder*

Concurrent BS/MS (thesis option) in Computer Science

Major GPA 3.95

Anticipated Graduation: December 2020

Overall GPA 3.91

Minor in Applied Mathematics (completed)

Minor GPA 3.91

## Most Relevant Coursework:

Network Security

Ethical Hacking

Object-Oriented Programming

Advanced Operating Systems

Network Systems

Software Development/Methods

Immersive Cyber Defense

Algorithms

Entrepreneurial Capstone

## Skills

- Coding Languages: Python, C++, C, Java, Matlab, HTML/CSS, SQL, MongoDB, JavaScript
- Hands-on experience: Linux administration, firewalls and network management, applied (ethical) hacking, protecting services and data on the Internet (see web site), Git
- Human Languages: English, Spanish
- Extensive Tutoring (Algebra 1, CAD, Intro to CS, Data Structures, ESL)
- On Leadership with CU Christian Challenge
- Certified Solidworks Associate

## Projects

- Github Repository: <https://github.com/MANA624/Portfolio>
- Web Site: <https://therealpi.net>. Username: "employer", password: "hireme123"
- Research: Distributed Computing on Heterogeneous Systems Using Docker, upcoming research project for Network Security (Fall 2019), upcoming MS Thesis (starting Spring 2020)

## Work Experience

**CU Boulder TA** 8/18–Present: A graduate TA for Intro to Cybersecurity under Professor Daniel Massey and Principles of Programming Languages with John (Jack) Martin. Tasks include teaching recitation, grading, and holding office hours

**Northrop Grumman** 5/17–8/18: Worked as a software engineer for two summers as a full-time intern. Used Python/Django/Flask, MongoDB, JavaScript, HTML/CSS, Git, and more

**CU Boulder CA** 1/17–5/17: An undergraduate course assistant for Discrete Structures. Provided office hours for students and met with Professor Christian Ketelsen to give feedback

**+7 Other Jobs** Working from a young age developed a strong work ethic and sense of responsibility and loyalty to employers