# MATTHEW YOUNGBAR

## Master's Student at RPI

@ matthewyoungbar@gmail.com    📞 919-605-2107    in linkedin.com/in/matthew-youngbar    ◯ github.com/matthewyoungbar

## EXPERIENCE

### Software Engineering Intern
**Capital One**

📅 June 2022 – August 2022    📍 Boston, Massachusetts

- Technology Intern Program (TIP)
- Worked under Capital One Software for the Slingshot Product
- Created internal management portal that allowed for companies to fully offboard from Slingshot product, including deletion of data from Snowflake platform

### Software Engineer Intern
**Genesys**

📅 June 2021 – August 2021    📍 Durham, North Carolina

- Worked with Core UI Team
- Handled various stylistic and design changes

### Software Engineer Intern
**Genesys**

📅 May 2020 – August 2020    📍 Durham, North Carolina

- Worked with Edge Infrastructure Team
- Assigned to various stability maintenance projects in RESTful services
- Assisted in translation of a service from Clojure to Kotlin

### Hardware Intern
**Extreme Networks**

📅 June 2019 – August 2019    📍 Morrisville, North Carolina

- Created multiple GUIs to connect via Telnet and/or Serial to test equipment and network switches, send commands, and monitor current states
- Tested writing to a crypto authentication chip via I2C with the goal of adding Secure Boot to Extreme switches

## EXTRACURRICULARS

### RPI Swim & Dive
**Rensselaer Polytechnic Institute**

📅 2018-Present    📍 Troy, New York

- NCAA Division III
- A Finalist in 200 Fly and 1650 Free at Liberty League Championships
- Fundraising Coordinator (2020-21) and Co-President (2021-22) of RPI Student Athlete Advisory Committee

### Ravenscroft Key Club
**Ravenscroft School**

📅 2014-2018    📍 Raleigh, North Carolina

- Created, managed, and led numerous community service and fundraising events for hundreds of students
- Treasurer (2016-17) and President (2017-18) of Ravenscroft Key Club

## CAREER OBJECTIVE

*"Seeking a full-time software engineer position following my graduation in December of 2022."*

## EDUCATION

### MS Computer and Systems Engineering
**Rensselaer Polytechnic Institute**

📅 2021 – 2022    📍 Troy, New York

GPA: 3.81

Relevant Coursework:

Robotics   Computer Vision for Visual Effects   Quantum Computer Programming   Trustworthy Machine Learning   Computability and Logic   Pattern Recognition   Experimental Game Design

### BS Computer and Systems Engineering | Computer Science
**Rensselaer Polytechnic Institute**

📅 2018 – 2022    📍 Troy, New York

GPA: 3.71
Electronic Arts Minor

Relevant Coursework:

Algorithms   Computer Architecture   Electric Circuits   Embedded Control   Data Structures   Intro to AI   Game AI   Operating Systems   Electronics   Machine Learning from Data   Modern Binary Exploitation

## SKILLS

Hard-working   Leader   Motivated

Python   Java   C   C++   HTML   CSS   JavaScript   TypeScript   Clojure   Kotlin   React.js   AWS