

# PABLO COMINO



## PROFILE SUMMARY

I make solutions that *just work*. As someone who has been knee-deep in the computer world for years, I know first-hand both the joys and the pains technology brings. My passion and expertise come from bringing ideas to fruition that improve a system. Whether that would be making it run more quickly, more efficiently, or more securely, I consistently deliver the desired results.

## CONTACT DETAILS

✉ hello@pablocomino.com  
☎ +1 980.337.1690  
📍 Charlotte, NC

## PERSONAL INFORMATION

Fluent: **French, Spanish, English**  
Status: **First year student**

## SKILLS

- ◇ Linux, Docker, Virtualization
- ◇ Active Directory, Windows, DNS, Group Policy
- ◇ Embedded, UART, Microcontrollers
- ◇ Patience, Reasoning, Presenting

## EXPERIENCE

### SOFTWARE ENGINEER at *Liquid Rocketry Lab* **2024.09–Present**

- ◇ Developing firmware that will pioneer the world's first collegiate-liquid-powered rocket capable of reaching the Karman line: the edge of space.
- ◇ Developed custom software and CI/CD pipelines to automate firmware code builds and unit tests allowing developers to share resources, saving both time and money.
- ◇ This experience combines my love for computers with my passion for optimization and engineering solutions.

### DEVELOPER & GEMEMASTER at *Timed Out Escape* **2024.03–Present**

- ◇ Started as a Gamemaster overseeing client experiences in escape rooms; quickly transitioned to focus on technology enhancements.
- ◇ Developed a program to analyze telemetry data from thousands of games, resulting in a more streamlined clue system and enhanced customer satisfaction, all at a lower cost.
- ◇ Set up, debugged, and maintained a network of computers to ensure seamless operation of various puzzles.
- ◇ Created an application to synchronize task completion between employees in real time, resulting in a lower error rate on puzzle resets.

### HOMELAB **2021.12–Present**

- ◇ Developed and maintained a personal homelab with virtualized and containerized applications for testing and development.
- ◇ Implemented and configured self-hosted services such as a reverse proxy to use and manage SSL certificates.
- ◇ Installed and set up a Windows Active Directory environment with an intentionally vulnerable configuration to conduct vulnerability assessments and simulate real-world attacks.
- ◇ Automated machine and user creation of Windows machines using the Windows ADK.
- ◇ Conducted penetration testing exercises against other Active Directory environments using online services such as HackTheBox.

## EDUCATION

### *North Carolina State University* **2024–2028** B.S. COMPUTER SCIENCE WITH CYBERSECURITY CONCENTRATION

## CERTIFICATIONS

### *Pearson* **2023** MICROSOFT OFFICE SPECIALIST: WORD, EXCEL, POWERPOINT

### *NC Trade and Industrial Education Division* **2021** MICROBURST EMPLOYABILITY SOFT SKILLS

## HOBBIES / ACTIVITIES

### VIOLA & ORCHESTRA

- ◇ Violist of 7 years in the Raleigh Civic Symphony
- ◇ Music provides an incredible contrast to the world of computers. It's a fantastic outlet, I love every second of it.
- ◇ Understanding the process behind making music unlocks a new paradigm for listening to it. Every small detail has a story, and I love hearing each new one as I replay my favorite pieces.