

# RAYMOND CHARLES COSTELLO III

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## CAREER OBJECTIVE

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Loyal and hard worker with hands-on experience in software development, cybersecurity, and systems engineering. Strong background in Agile methodologies, DevOps (Docker, Git) and full-stack development. I'm passionate about mission critical systems, defense technology, and collaborative problem solving.

## EDUCATION

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**The Pennsylvania State University** | *School of Engineering* - GPA 3.2 Aug 2021 – May 2025

- B.S., Computer Science, Class of 2025
  - Cybersecurity Computational Foundations Minor
  - Engineering Leadership Development Minor
- Dean's List (2021-2023) | Global Leadership Award | President of PSU Berks Volleyball Club
- HackPSU, Chess Club, Artificial Intelligence Club, Volleyball Club, Korean Club, Weightlifting, Fishing

## PROFESSIONAL EXPERIENCE

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**General Dynamics Information Technology** | *Atlantic City, NJ* | *Federal Civilian Division*

*Technical Intern* Jun 2024 – Sept 2024

- Processed large data sets of air traffic control CSVs (1.8M+ entries) using PL/SQL and Python scripts
- Packaged those scripts in Docker for subsequent use by a Senior Developer
- Replaced two legacy websites with Spring Boot implementations
- Authored documentation (40+ pages) of bugs for subsequent use by a QA Tester
- Developed a Java Spring Boot webpage and used HTML/CSS to display report results from a PL/SQL script

*Technical Intern* Jun 2023 – Sept 2023

- Developed Java code to automate server auditing for 500+ servers
- Practiced the Software Development Life Cycle by creating clean code with JUnit test cases
- Attended status meetings showcasing Agile software development methods in team environments
- Automated SSH into multiple unique remote servers using Java (Backend), Bash, and Java Swing for GUI
- Organized warehouse materials and removed reusable hard drives and other various parts from old PCs

## OTHER WORK EXPERIENCE

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**Pennsylvania State University** | *State College Campus, Berks Campus* Sep 2022 – May 2024

*Resident Assistant* - Brumbaugh Hall, Greenbrier Hall

- Managed 30+ students, enforced protocol, and responded to multiple emergencies

*Teaching Assistant* - Higher Education 302 - Kyle Kowal – Penn State Berks Sep 2022 – May 2023

- Planned and taught lessons on communication, conflict mediation, and community building

**Restaurant Service** | *Lower Merion PA, Reading PA, Ventnor City NJ, State College PA.* May 2018 – May 2025

- Bartended and Served: Lola's Garden (2 years), Meraki Manor (1 year)
- Served: Olive Garden (1 year), Vagabond Kitchen and Tap House (2 years), QDOBA (1 year)

## PROJECTS/SKILLS

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- Developed a CPU in Verilog on Vivado software using a Zynq FPGA (xc7z010-400c)
- Constructed Hydroponics System for use at Spa Park Primary School in Bela-Bela, South Africa
- Created 3D interactive/educational Digital Twin of Engineering Design Innovation Building at PSU
- Completed code bounty using Python and Selenium WebDriver running as a Google Cloud Run Function
- **Experience with:** Java, Python, C, C++, Rust, Bash, JavaScript, SQL, HTML/CSS, Git, Docker, RHEL, Oracle, GC