

Richard Elphinstone

Junior Software Developer

Proudly graduating Southern New Hampshire University in November 2022 with a concentration in program languages. I have thoroughly enjoyed using my skills in development of educational projects that feature Python, Java, C++, and JavaScript. I am passionate to learn more in software development and it is my wish to grow my skills with and valuably contribute to your team.

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📞 724-513-9800

📄 elphinstonerf.github.io/Portfolio/

🐙 github.com/elphinstonerf

EDUCATION

Bachelor's Degree in General Studies (Programming)

Southern New Hampshire University

2021 - Present

GPA: 3.9 Finishing in October to graduate in November 2022

Courses

- IT-140 Scripting (Python).
- CS-250 Software Development Life Cycle (Agile/Scrum).
- IT-450 Artificial Intelligence (Search Algorithms).
- IT-145 Application Development (Java).
- IT-312 Software Development (C++).
- IDS-403 Technology and Society.

Associate Degree in General Studies (Flight School Training)

Beaver County Community College

2007 - 2010

Courses

- AVIP-138 Aerodynamics
- PHYS-105 Physics
- AVIP -121 Aviation Meteorology
- AVIP-238 Aircraft Systems
- PHYS-110 Astronomy
- COMM-201 Public Speaking

EXPERIENCE

UPMC

Journeyman 1 - Stationary Engineer (Electrical)

11/2019 - Present

Achievements/Tasks

- Maintenance, troubleshooting, and repair as an electrician in a small team.
- Applied Agile practices to small team to gain increases to Work Order Satisfaction Survey Scores by over 25%.
- Performed cross-functional roles to focus on team goals.
- Quality Customer Service and Hospital Environment Experience

Norfolk Southern Railroad

Machinist/Diesel Mechanic

07/2011 - 09/2019

Achievements/Tasks

- Deep troubleshooting of complex systems.
- Perseverance to find solutions.

United States Marine Corps

Helicopter Airframes/Hydraulics - Reserves

07/2006 - 07/2012

Achievements/Tasks

- Led multiple mission-oriented project teams of 5 or more.
- Extreme attention to detail.
- Awarded Honor Graduate (2007)
- Awarded Meritorious Mast (2007)

CERTIFICATES

Google IT Support (2021)

Google Data Analytics (2021)

PERSONAL PROJECTS

Left Center Right: The Dice Game

- C++ | Object-Oriented Programming | File Management | Input Validation

Banking App

- Java | OOP | Input Validation

Trick or Treat on Spooky Street

- Python | Input Validation | Arrays

VOLUNTEERING

Toys for Tots: United States Marine Corps (2002 - 2012)

Volunteering with collections, storage, shipping, distribution, and event handling.

PROGRAM LANGUAGES I AM WORKING WITH

Java



JavaScript



C++



Python



SQL



SOFT SKILLS

Customer Service

Public Speaking

Empathy

Perseverance

Leadership