

Jean-François Racinet

You may call me John.

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Education

Radford University: 2011 – 2016

- Bachelor of Science in Physics.
- Fundamental understanding across many disciplines including Electronics, Thermodynamics, Newtonian and Quantum Mechanics, Programming, Instrumentation, and Electromagnetism.
- Awarded undergraduate research grant; with the task of reconstructing a heavily damaged Scanning Tunneling Microscope. Successfully ran the instrument in ultra-high-vacuum conditions and produced nuclear-resolution level imagery.

Rockbridge County High School: 2006 – 2010

- Advanced Studies Diploma with completion of a four-year microelectronics/robotics program.

Work Experience

United States Postal Service: 2022 - Present

- Rural Letter Carrier with the USPS in Giles County, Virginia.
- Logistics, vehicle maintenance, orienteering, organization, teamwork, and personal accountability.

Northrop Grumman Innovation Systems: 2018 - 2021

- Chief Production Operator with New River Energetics at the Radford Army Ammunition Plant.
- Load, Assemble, and Pack Medium Caliber Munitions.

Fuji Electric Corporation of America: 2016 - 2017

- Testing/Electronics Engineer.
- Troubleshooting issues and designing new testing procedures for auxiliary power supply systems used in electric train cars.
- Auxiliary Power Supplies ran off a 3rd Rail System (750V=) and would be tested under 100kW loads.

Extreme Tree Company: 2015 - 2018

- Use of heavy machinery, rigging systems for technical tree removal, and tree healthcare.

Radford Fire and Rescue: 2014 – 2017

- Volunteer Firefighter with the Radford Fire Department
- Certifications Include: Firefighter 1, Hazardous Materials Operations, FEMA ICS (100, 200, and 700)

Additional Skills

- Programming experience with Microsoft Office, LabVIEW, AutoCAD, and LTspice.
- Several Years educational experience with microelectronics and circuit design.