

Personal Statement

Hello, my name is Nicholas Grummon. I am a Vanderbilt University School of Engineering graduate, holding a degree in mechanical engineering with a minor in computer engineering. I am currently contributing to the generation of nuclear power through my work at Framatome Inc., where I use a wide suite of simulation and development tools to perform safety-related ASME Code qualifications for the fatigue and fracture life of nuclear-grade materials.

This role has offered me the opportunity to develop a highly analytical problem solving approach, grounded in strong foundations of mechanics and properties of real materials. As I take my first steps into an engineering career, I hope to build upon my experiences contributing to the nuclear industry thus far, in continuing to further environmentalism, the development of heavy industry, and the realization of our human capabilities over the physical world.

At heart, I am a committed humanist. As such, I engage with the world, myself, and others as a deeply physically-present experience, and I seek to use my skills and efforts in that domain to better the experience of being here, for us all.

Evidence of Excellence

High School

- Valedictorian, Class of 2020
- National level marching band and robotics teams
- Top 1% ACT / SAT, NMSC Finalist, Perfect SAT subject tests, etc
- Eagle Scout

College

- Graduated in 7 semesters with a minor and latin honors (and a difficult transcript imho)
- Chess club president. Led first school appearance at Pan Ams (International)
- Recognition for various design challenges and builds

Professional Life

- Won CORE Award for novel implementation of neural-net in bolt failure predictions.
- Volunteer extensively with Habitat for Humanity, tutoring, local makerspace, etc.
- Registered as Engineer in Training with the Commonwealth of Virginia.

Personal Life

- Chess.com 2000 Rapid (top 0.3% of all users)
- Logged 100,000+ pages on GoodReads, completing 40/100 PBS Great American Read
- Bench Press 225 lb PR at 165 lb bodyweight.