

## Fall 2024 Intern



Phone :  
Web :

### Job Summary

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Vacancy :  
Deadline : Sep 15, 2024  
Published : Aug 15, 2024  
Employment Status : Full Time  
Experience : Any  
Salary :  
Gender : Any  
Career Level : Any  
Qualification :

## Our Mission: Powering Innovation That Drives Human Advancement

When visionary companies need to know how their world-changing ideas will perform, they close the gap between design and reality with Ansys simulation. For more than 50 years, Ansys software has enabled innovators across industries to push boundaries by using the predictive power of simulation. From sustainable transportation to advanced semiconductors, from satellite systems to life-saving medical devices, the next great leaps in human advancement will be powered by Ansys.

**Innovate With Ansys, Power Your Career.**

### SUMMARY

ANSYS empowers the world's most innovative companies to design and deliver transformational products by offering the best and broadest engineering simulation software to solve the most complex design challenges and engineer products limited only by imagination. Thus, through our enriching co-op program, we help develop the next-generation of engineers and technologists.

As an R&D Engineer intern on the UI Toolkit Team, you will join a dynamic user experience team dedicated to building a premier user interface for ANSYS Inc's products. The role primarily entails using C# and WPF to blend UI code with application logic and 3D modeling algorithms to create exciting new features. This internship is a 40-hour per week paid position starting in August/September 2024 and concluding December 2024.

### RESPONSIBILITIES

- Work collaboratively on a cross-functional team to take immersive user experiences from concept to reality.
- Develop UI using C#, Qt, Blazor, Stencil.js and/or WPF.
- Participate in the software development lifecycle by aiding multiple products across the ANSYS portfolio.
- Write effective automated tests.
- Work collaboratively and creatively with UX designers.
- Transform code from rough prototype to production-ready, maintainable, reusable components.
- Create polished, beautiful UI that is appealing to both designers and developers.
- Ability to handle other job-related duties as may be assigned by management.

### MINIMUM QUALIFICATIONS

- University student pursuing a degree in Computer Science, Software Engineering, or a related field with a GPA of 3.0 or higher.
- Solid, demonstrable experience with C# or Java (C# is preferred).
- Basic understanding of CSS and/or SCSS
- Exceptional analytic and problem-solving skills.
- Excellent written and oral communication skills.

### ADDITIONAL QUALIFICATIONS

- Knowledge in the following areas is a bonus:
  - UI design and implementation using Windows Forms, WPF, or a Java UI framework
  - Knowledge of User Experience (UX) practices and techniques and/or previous experience working in a development environment with UX designers
- Experience with a source code control system in a production environment

At Ansys, we know that changing the world takes vision, skill, and each other. We fuel new ideas, build relationships, and help each other realize our greatest potential. We are ONE Ansys. We operate on three key components: the commitments to our stakeholders, the behaviors of how we work together, and the actions of how we deliver results. **Together as ONE Ansys, we are powering innovation that drives human advancement.**

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Our Commitments:

- Amaze with innovative products and solutions
- Make our customers incredibly successful
- Act with integrity
- Ensure employees thrive and shareholders prosper

Our Values:

- Adaptability: Be open, welcome what's next
- Courage: Be courageous, move forward passionately
- Generosity: Be generous, share, listen, serve
- Authenticity: Be you, make us stronger

Our Actions:

- We commit to audacious goals
- We work seamlessly as a team
- We demonstrate mastery
- We deliver outstanding results

### INCLUSION IS AT OUR CORE

We believe diverse thinking leads to better outcomes. We are committed to creating and nurturing a workplace that fuels this by welcoming people, no matter their background, identity, or experience, to a workplace where they are valued and where diversity, inclusion, equity, and belonging thrive.

### WELCOME WHAT'S NEXT IN YOUR CAREER AT ANSYS

At Ansys, you will find yourself among the sharpest minds and most visionary leaders across the globe. Collectively we strive to change the world with innovative technology and transformational solutions. With a prestigious reputation in working with well-known, world-class companies, standards at Ansys are high — met by those willing to rise to the occasion and meet those challenges head on. Our team is passionate about pushing the limits of world-class simulation technology, empowering our customers to turn their design concepts into successful, innovative products faster and at a lower cost.

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At Ansys, it's about the learning, the discovery, and the collaboration. It's about the "what's next" as much as the "mission accomplished." And it's about the melding of disciplined intellect with strategic direction and results that have, can, and do impact real people in real ways. All this is forged within a working environment built on respect, autonomy, and ethics.

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### CREATING A PLACE WE'RE PROUD TO BE

Ansys is an S&P 500 company and a member of the NASDAQ-100. We are proud to have been recognized for the following more recent awards, although our list goes on: Newsweek's Most Loved Workplace globally and in the U.S., Gold Stevie Award Winner, America's Most Responsible Companies, Fast Company World Changing Ideas, Great Place to Work Certified (Belgium, China, Greece, France, India, Japan, Korea, Spain, Sweden, Taiwan, and U.K.).

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For more information, please visit us at [www.ansys.com](http://www.ansys.com)

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Ansys is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, and other protected characteristics.

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Ansys does not accept unsolicited referrals for vacancies, and any unsolicited referral will become the property of Ansys. Upon hire, no fee will be owed to the agency, person, or entity. Apply now

**Education & Experience**

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**Must Have**

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**Educational Requirements**

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**Compensation & Other Benefits**

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