

## Job Posting:164775 - Position: S25 Software Engineering Intern 164775B E1

<b>Co-op Work Term Posted:</b>	2025 - Summer
<b>App Deadline</b>	02/13/2025 09:00 AM
<b>Application Method:</b>	Through Employer Website
<b>Posting Goes Live:</b>	01/30/2025 03:21 PM
<b>Job Posting Status:</b>	Expired

### ORGANIZATION INFORMATION

<b>Organization</b>	Intuitive Surgical, Inc
<b>Country</b>	Canada

### JOB POSTING INFORMATION

<b>Placement Term</b>	2025 - Summer
<b>&lt;b&gt; Job Title &lt;b&gt;</b>	S25 Software Engineering Intern 164775B E1
<b>Position Type</b>	Co-op Position
<b>Job Location</b>	Sunnyvale, CA
<b>Country</b>	United States
<b>Duration</b>	4 months
<b>Work Mode</b>	In-Person
<b>Salary Currency</b>	US
<b>Salary</b>	0.0 per hour for 0 Major List
<b>Salary Range \$</b>	\$64,480-\$112,320
<b>Job Description</b>	
<b>Company Description</b>	

At Intuitive, we are united behind our mission: we believe that minimally invasive care is life-enhancing care. Through ingenuity and intelligent technology, we expand the potential of physicians to heal without constraints.

As a pioneer and market leader in robotic-assisted surgery, we strive to foster an inclusive and diverse team, committed to making a difference. For more than 25 years, we have worked with hospitals and care teams around the world to help solve some of healthcare's hardest challenges and advance what is possible.

Intuitive has been built by the efforts of great people from diverse backgrounds. We believe great ideas can come from anywhere. We strive to foster an inclusive culture built around diversity of thought and mutual respect. We lead with inclusion and empower our team members to do their best work as their most authentic selves.

Passionate people who want to make a difference drive our culture. Our team members are grounded in integrity, have a strong capacity to learn, the energy to get things done, and bring diverse, real world experiences to help us think in new ways. We actively invest in our team members to support their long-term growth so they can continue to advance our mission and achieve their highest potential.

Join a team committed to taking big leaps forward for a global community of healthcare professionals and their patients. Together, let's advance the world of minimally invasive care.

### Job Description

#### Primary Function of Position

The Core Technologies Engineering (CTE) group within Intuitive has a summer opening in Sunnyvale, CA for a software engineering intern with a focus on the internal da Vinci emulator. You will be on a small team responsible for building, deploying, and supporting our full-system emulator and hybrid hardware-in-the-loop setups.

A successful intern candidate will be able to work with our team but also make independent progress on a project improving our emulator. Multiple projects are possible, so a candidate will need to select a project to work to their strengths in prototyping, implementing, and deploying a software project. A deep sense of shared responsibility and shared reward is required, as is the ability to make work fun and interesting

#### Essential Job Duties

- Expanding the functionality of the internal da Vinci emulator, which might be user interface, microcontroller simulation, Linux kernel module support, or virtualization efforts, depending on candidate background.
- Learn and practice our team's methodology for developing, deploying, and supporting an internal tool within the Intuitive engineering organization.
- Continually communicate with engineers outside of our group throughout the course of the internship.

## Qualifications

#### Required Skills and Experience

- Working experience with C++ or Python (preference will be given to candidates who can demonstrate ability in both languages.)
- Experience on a software project lasting at least three months. (You will be expected to present on this existing project during hiring.)

#### University Hiring Program Eligibility Requirements:

- University Enrollment: Must be currently enrolled in and returning to an accredited degree-seeking academic program in the Fall.
- Internship Work Period: Must be available to work full-time (approximately 40 hours per week) during a 10-12 week period starting May or June. Specific start dates are shared during the recruiting process.

#### Required Education and Training

- Current enrollment in any degree-seeking program which includes some software development (Computer Science, Computer Engineering, but Electrical Engineer if software electives are present) coursework at the Bachelor's, Master's, or Doctorate level.

#### Preferred Skills and Experience

- Working knowledge of the Linux operating system
- Working knowledge of Docker containerization
- Experience developing software for embedded microcontrollers
- Any virtualization software experience (VMWare, QEMU, etc.) beyond casual use.

## Additional Information

Due to the nature of our business and the role, please note that Intuitive and/or your customer(s) may require that you show current proof of vaccination against certain diseases including COVID-19. Details can vary by role.

Intuitive is an Equal Employment Opportunity / Affirmative Action Employer. We provide equal employment opportunities to all qualified applicants and employees, and prohibit discrimination and harassment of any type, without regard to race, sex, pregnancy, sexual orientation, gender identity, national origin, color, age, religion, protected veteran or disability status, genetic information or any other status protected under federal, state, or local applicable laws.

#### EEO and AA Policy

We will consider for employment qualified applicants with arrest and conviction records in accordance with fair chance laws.

We provide market-competitive compensation packages, inclusive of base pay (paid at an hourly rate), benefits, and a housing allowance. It would not be typical for someone to be hired at the top end of range for the role, as actual pay will be determined based on several factors, including relevant skills and experience for this internship, degree-seeking academic program (PhD, Master's, Bachelor's, etc), year in school, and location. The hourly rate is prorated against the intern program salaries listed and total program compensation will be based on internship duration.

**Base Salary Range Region 1:** \$74,880 USD - \$112,320 USD

**Base Salary Range Region 2:** \$64,480 USD - \$95,680 USD

**Shift:** Day

**Travel:** None

**Workplace Type:** Set Schedule - This job will be onsite weekly, the percentage of onsite work will be defined by the leader.

**Citizenship Requirement** N/A

## **APPLICATION INFORMATION**

**Application Procedure** Through Employer Website

**Cover Letter Required?** Yes

**Address Cover Letter to** Hiring Manager

### **Special Application Instructions**

**Application Link:** <https://careers.intuitive.com/en/jobs/744000032911913/JOB10214/software-engineering-intern/>

Indicate your interest to apply to this position in **SCOPE** and also submit your application package via the online website portal.

Applications are accepted on a rolling basis and the posting may expire at any time. Students should submit their applications as soon as they are ready.