

Job Posting:164784 - Position: S25 Software Engineer Intern 164784B E1

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/13/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/30/2025 03:10 PM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	Intuitive Surgical, Inc
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Software Engineer Intern 164784B E1
Position Type	Co-op Position
Job Location	Sunnyvale, CA
Country	United States
Duration	4 months
Work Mode	In-Person
Salary Currency	US
Salary	0.0 per hour for 0 Major List
Salary Range \$	\$99,840-\$133,120
Job Description	

Company Description

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

Contribute to the development of network connectivity software on Intuitive's surgical platforms for minimally invasive robotic surgery.

The candidate is expected to be capable of solving technical challenges emerged from the project and meet milestones relative to the project, with the support of mentor, manager, and other team members.

Essential Job Duties

- Explore latest software and hardware technologies and build proof-of-concepts for next generation product solutions
- Work with an existing device connectivity and data analytics pipeline to improve aspects of it
- Debug code and troubleshoot problems
- Analyze and improve the performance, scalability, reliability, usability, and security stability of currently developed systems
- Write clean and maintainable code following best practices, such as source control, unit testing, continuous integration, design patterns, etc.

Qualifications

Required Skills and Experience

University Hiring Program Eligibility Requirements:

- **University Enrollment:** Must be currently enrolled in and returning to an accredited degree-seeking academic program for at least 1 1/2 years (Spring 2027 grad or later) 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 a Computer Science, Computer Engineering, Electrical & Computer Engineering, or related degree-seeking program at the Bachelor's, Master's or Doctorate level.

Preferred Skills and Experience

- A good working knowledge of C/C++ and Python.
- Highly desirable but not mandatory:
- Experience with Time Series Database.
- Experience with embedded systems or IoT (Internet-of-things) devices (e.g. Arduino, Raspberry Pi).
- Experience with full stack web app development (front-end, back-end).
- Experience with Amazon Web Service, or Microsoft Azure Service
- Experience with network protocols (e.g. TCP/IP, HTTP, WebSocket)
- Experience with network system design patterns (e.g. REST, Pub/Sub model)
- Experience with asynchronous programming (e.g. multi-threading, asyncio)
- Designing software products in a regulated industry (e.g. medical device)
- Self-starter and able to work in a collaborative and result-oriented environment.
- Ability to communicate effectively (written, verbally) with the team.

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: \$118,560 USD - \$133,120 USD

Base Salary Range Region 2: \$99,840 USD - \$112,320 USD

Shift: Day

Travel: None

Workplace Type: Onsite - This job is fully onsite.

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/744000034570660/JOB9978/software-engineer-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.