

A Physicist in Industry

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Research webpage: <https://tyson.ucdavis.edu>

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career advice

- Follow your interests (*curiosity*)
- Acquire the right tools
- Think outside the box (*creativity*)
- Be persistent
- *Network*
- Be flexible

Qualities for success

- Core competency
- Communication
- Tools
- Customer focus
- Experience
- Curiosity
- People skills
- Creativity
- Breadth
- Judgment
- Vision
- Trainability
- Mobility
- Flexibility
- Enthusiasm
- Mentoring
- Teamwork

Networking!

Must have a useful skill

- Problem solver
- Inventive
- Analytics
 - data mining, AI
- Python
- Optics, Electronics GHz

Physics jobs in IT industry

Combine physicist's problem solving and programming talents



Industry Internships!

Experience industry. Network.

Very effective when you later interview for a job!

SpaceX

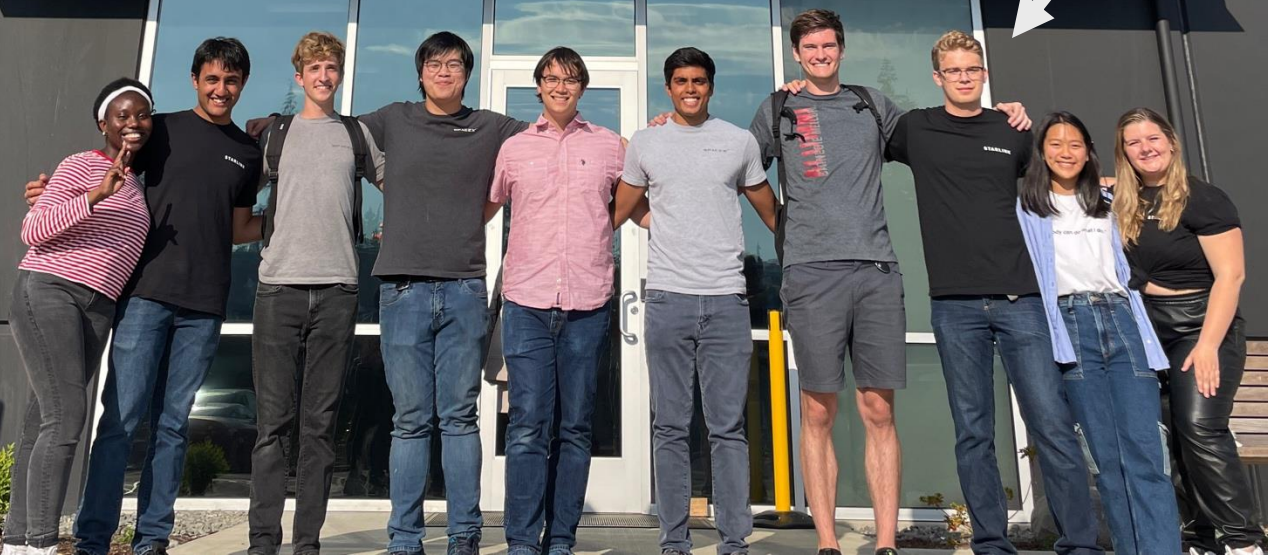


SpaceX internships



SPACEX

Forrest Fankhauser
UC Davis BS



Resources

- <https://www.spsnational.org/career-resources/advice>
- https://www.purdue.edu/science/careers/find_a_job/physics.html#physics

skills advice:

- Critical thinking
- Inventiveness and ability to address unforeseen problems
- Research and investigation
- Communication, both technical writing and verbal
- Working as a member of a team
- Capacity to learn new technologies quickly
- Mechanical aptitude
- Strong analytical and applied mathematical skills
- Advanced mathematics
- Computer programming, modeling and simulations
- Experience with sophisticated equipment

possibilities in the bay area

~5%:

- PIXAR
- Amazon
- Yahoo
- Google
- IBM
- INTEL
- Philips

Try to determine a contact person in a specific division that interests you. This method usually yields better results in obtaining an interview than just contacting the human resources department!

<https://www.aip.org/statistics/california>

monster.com

“engineer”

ICC Services

Internship and Career Center · ICC Services

The Internship and Career Center (ICC) offers many career-related services and resources to guide UC Davis students and alumni through the journey of career preparation, including:

Advising

- [Document Review](#) is an online service for resumes, CVs, and cover letters open to current UC Davis students and recent graduates.
- [Drop-in peer advising](#) for undergraduate students is available for internship/job search tools, Handshake basics, and resume and cover letter writing review.
- [Appointments with a career advisor](#) to explore career options, practice interviews, conduct in-depth job and internship search, and review application materials.

Resources

- [Handshake](#), our exclusive online job board
- [The Career Resource Manual \(CRM\)](#), a comprehensive resource for students from the beginning stages of exploration through the internship and job search process.
- [Email newsletters and social media](#), stay up-to-date with job and internship postings, and ICC events and services
- [YouTube Channel](#), get started with tools and strategies for career planning

Workshops and Events

- [ICC calendar of events](#), search all upcoming ICC events
- [Workshops](#) on a wide variety of career-related topics. [Login to Handshake](#) to RSVP and receive instructions to join.
- [Information Sessions](#), a great way to learn about and connect with employers. [Login to Handshake](#) to see a list of information sessions under Events.
- [On-campus interviews with employers](#), find out who is interviewing on the UC Davis campus

Document Review	
Career Advising	+
Handshake	+
Events And Workshops	
Videos To Get Started	
Internship And Career Fairs	+
Student Employment	
Meet Employers	
Career Champions	
Career Resource Manual	

No matter where you are in your career journey, we can help.

Students who had at least one part-time job while at UC Davis were 1.5 times more likely to have a career position when they graduated. Whether you're a first-year student looking for campus jobs and internships or a graduating senior looking to launch your career, we are here to support you every step of the way!

[Career Advising](#)

[Resume Review](#)

[Events and Workshops](#)

Finding Jobs and Internships



Handshake

Handshake is our online platform, where UC Davis students and alumni can connect with employers.

[Log In](#)



Career Fairs

Each academic year, the Career Center hosts four to six large internship and career fairs.

[Event Schedule](#)



Career Resource Manual

The Career Resource Manual (CRM) is a comprehensive resource for students.

[Learn More about the CRM](#)

Upcoming Fair Dates

Engineering, Energy, and Technology Career Fair

Date: Tuesday, February 4, 2025

Time: 11 a.m.-3 p.m.

Where: In-person at [University Credit Union Center](#) (formerly the Pavilion), UC Davis

Winter Career Fair

Date: Wednesday, February 5, 2025

Time: 11 a.m.-3 p.m.

Where: In-person at [University Credit Union Center](#) (formerly the Pavilion), UC Davis

Spring Career Fair

Date: Wednesday, April 16, 2025

Time: 11 a.m.-3 p.m.

Where: In-person at [University Credit Union Center](#) (formerly the Pavilion), UC Davis