IOWA STATE UNIVERSITY
College of Engineering

ENGINEERING CAREER SERVICES

WHY ENGINEERING CAREER SERVICES?

You're not just preparing to get a degree; you're preparing to be an engineer.

Our Goal:
Provide resources and opportunities to help engineering students develop professional skills and obtain post-graduate employment or acceptance to graduate school.

SERVICES PROVIDED

Career Development

- Presentations
- Individual career advising
- Online educational materials
- Career prep course
- CyHire access

Employer Engagement

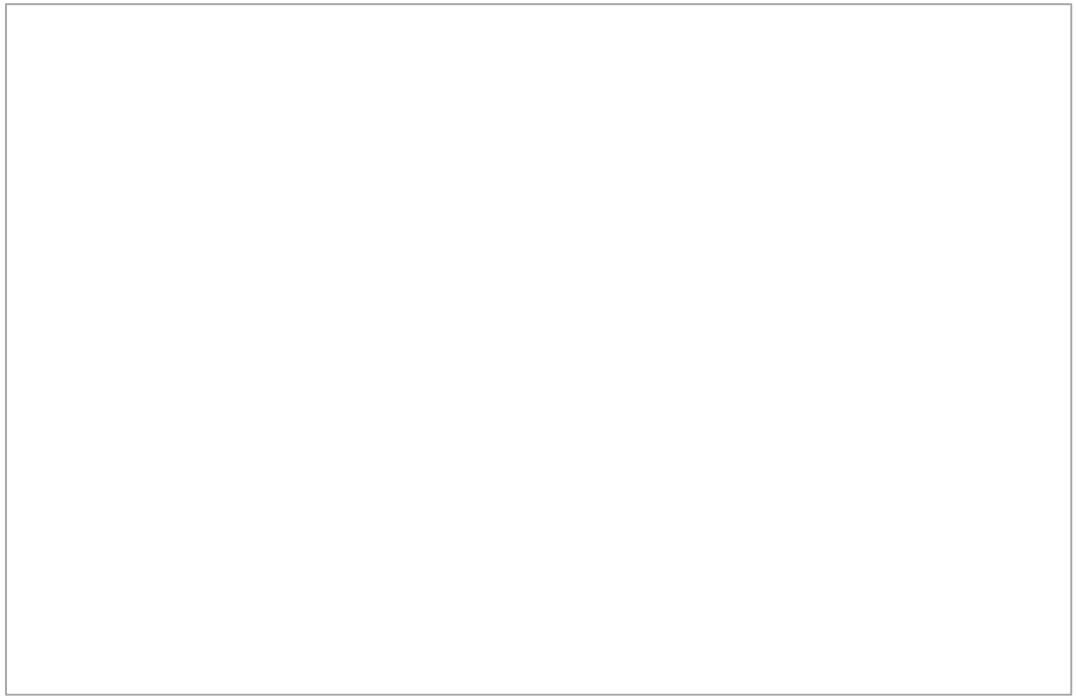
- On-campus interviews
- Experiential education
- Employer relations
- Career fairs and other casual networking opportunities

Staff focused solely on engineering students and alumni

NEW COURSE OPTION →

Engineering Career Services now provides ENGR 2030 courses for all engineering students!

94% of students from Spring 2024 say they would recommend taking ENGR 2030



ENGINEERING CAREER FEST

September 3rd, 2025
Marston Water Tower Lawn

ENGINEERING CAREER FAIRS

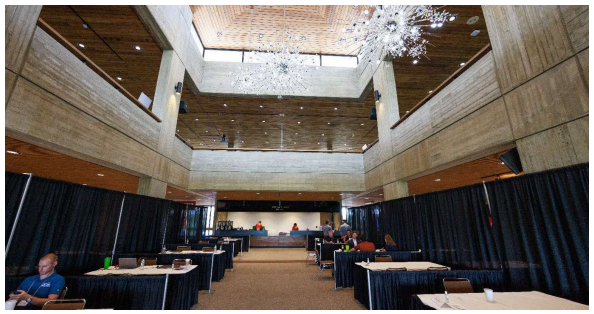
FALL 2025

September 17th

September 23rd

ON-CAMPUS INTERVIEWS →

Thousands of on-campus interviews conducted each year, whether through Mass Interview Days or private rooms in Marston Hall.



SEMESTER CO-OPS AND SUMMER INTERNSHIPS

Learning outside of the traditional classroom environment by completing REAL engineering work

An opportunity to:

- Connect classroom theory to workplace practice
- Build professional skills and habits
- Get paid an average of $23.49/hr
- Maintain full-time student status
- No tuition or fees to participate

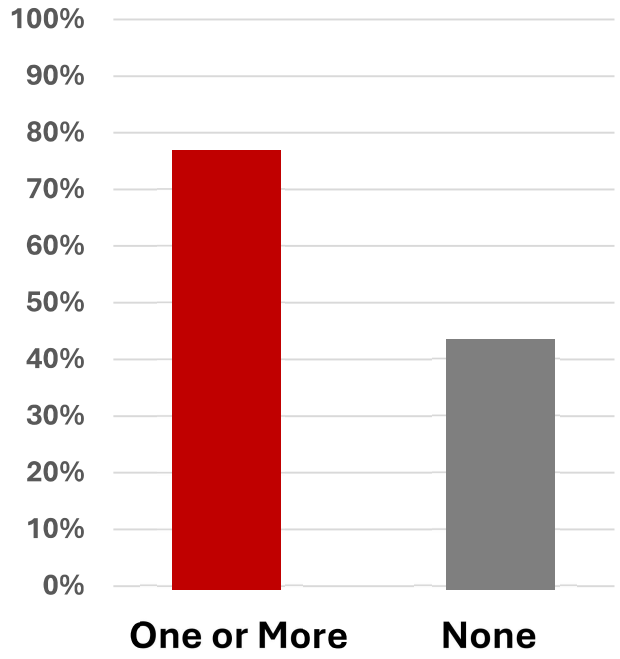
INTERNSHIPS		CO-OPS
10 Weeks	Length	16-23 Weeks
Shorter projects and timelines	Scope	In-depth projects seen to completion
$22.44/hour	Avg. Pay	$25.61/hour

DOES EXPERIENTIAL EDUCATION MATTER?

Graduates reporting positive outcomes at graduation:

One or more experiences: *78%*
No experiences: *44%*

At six months post-graduation, **95%** of engineering graduates have accepted employment or made plans to attend graduate school.



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IBM
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JE Dunn Construction
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Procter&Gamble
General Mills
KENT
Collins Aerospace
lyondellbasell
HNI
Hormel Foods
CNH Industrial
1,000+ Employers Recruit
ISU Engineers Each Year
Altec
Emerson Process Management
Danfoss
Pella
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Principal
NASA
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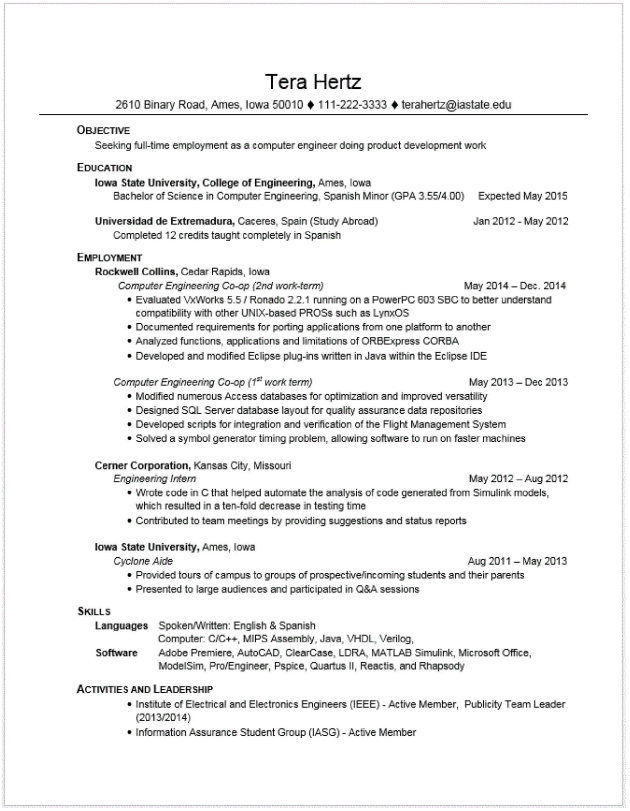
IOWA DOT
PepsiCo
Trane
Ag Leader
Honeywell
Corteva agriscience
Texas Instruments
Thomson Reuters
GE
Lennox
Lockheed Martin

WHAT EMPLOYERS LOOK FOR IN STUDENTS

- Matching interests
- Education & GPA
- Engineering & other skill-building experiences
  - Internships/Co-ops
  - Jobs
  - Clubs and orgs
  - Leadership
  - Academic projects
  - Research



Tera Hertz

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OBJECTIVE

Seeking full-time employment as a computer engineer doing product development work

EDUCATION

Iowa State University, College of Engineering, Ames, Iowa
Bachelor of Science in Computer Engineering, Spanish Minor (GPA 3.55/4.00) Expected May 2015

Universidad de Extremadura, Caceres, Spain (Study Abroad) Jan 2012 - May 2012
Completed 12 credits taught completely in Spanish

EMPLOYMENT

Rockwell Collins, Cedar Rapids, Iowa
Computer Engineering Co-op (2nd work-term) May 2014 – Dec. 2014
- Evaluated VxWorks 5.5 / Ronado 2.2.1 running on a PowerPC 603 SBC to better understand compatibility with other UNIX-based PROSs such as LynxOS
- Documented requirements for porting applications from one platform to another
- Analyzed functions, applications and limitations of ORBExpress CORBA
- Developed and modified Eclipse plug-ins written in Java within the Eclipse IDE

Computer Engineering Co-op (1st work term) May 2013 – Dec 2013
- Modified numerous Access databases for optimization and improved versatility
- Designed SQL Server database layout for quality assurance data repositories
- Developed scripts for integration and verification of the Flight Management System
- Solved a symbol generator timing problem, allowing software to run on faster machines

Cerner Corporation, Kansas City, Missouri
Engineering Intern May 2012 – Aug 2012
- Wrote code in C that helped automate the analysis of code generated from Simulink models, which resulted in a ten-fold decrease in testing time
- Contributed to team meetings by providing suggestions and status reports

Iowa State University, Ames, Iowa
Cyclone Aide Aug 2011 – May 2013
- Provided tours of campus to groups of prospective/incoming students and their parents
- Presented to large audiences and participated in Q&A sessions

SKILLS

Languages Spoken/Written: English & Spanish
Computer: C/C++, MIPS Assembly, Java, VHDL, Verilog,
Software Adobe Premiere, AutoCAD, ClearCase, LDRA, MATLAB Simulink, Microsoft Office, ModelSim, Pro/Engineer, Pspice, Quartus II, Reactis, and Rhapsody

ACTIVITIES AND LEADERSHIP

- Institute of Electrical and Electronics Engineers (IEEE) - Active Member, Publicity Team Leader (2013/2014)
- Information Assurance Student Group (IASG) - Active Member

THE BEST TIME
TO CONNECT
WITH EMPLOYERS
IS WHILE YOU
ARE A STUDENT!
• Online Job Board (CyHire)
• Career Fairs
• Employer Info Sessions
• Networking Events
• On-Campus Interviews
• On-Site Interviews
• Career Fest
• Pizza with Engineering Professionals
• Engineering Student Project Showcase
• Panels, Presentations, and Workshops
Participation in networking leads to job offers!

SUMMARY: BY THE NUMBERS →

$74,716	Average starting salary for 2023-2024 (BS degree)
1,500+	Engineering on-campus interviews/year
96.2%	Positive career outcomes (six months post-grad 2023-2024 BS Degree)
78%	Students participated in a co-op or internship experience for 2023-2024
71%	BS graduates who have professional experience (co-ops/internships)
$23.49	Average hourly rate for co-ops/interns for 2023-2024
7	Full-time staff to help with your career
3	Career fairs each year; among the largest in the nation
$0	Cost for comprehensive career services at Iowa State