

SOFTWARE DEVELOPMENT APPRENTICESHIP

a program by **Center for IT Talent Acceleration** and **Wilbur Wright College**, one of the **City Colleges of Chicago**.

What is SDA?

SDA is a employer sponsored 2-year apprenticeship program for the software field.

Students attend college while **simultaneously** earning money working for the sponsoring employer to apply those skills!

	2-Year SDA Program		4-Year Traditional College
Year 1 & 2	14-15 Computer Science Core Courses	Paid Apprenticeship 20hr/week	13-18 Computer Science Core Courses
Year 3 & 4	No \$tudent Debt*		

* Students must apply for Financial Aid, and may be eligible for additional funding through grants and/or scholarships

Employers:



Recruit **qualified** candidates.



Find talent in your **local** community!

Students:



“Earn while you learn!”

Perform paid work for 20hr/week, while getting a 2-year Associates Degree in the software field!



Grow Local Talent Through a Local Apprenticeship Program!

Magnitude of Talent Shortage:

There is a huge gap of 10 unfilled jobs for each Software Engineering graduate of our 4-year universities.

Only 16% of IL software grads are Women, & Less than 10% are Latinx and Black



CITY COLLEGES of CHICAGO
Wilbur Wright
Education that Works



C4ITA
Center for IT Talent Acceleration



a 501(c)(3) not-for-profit organization

Program Overview



	College Term	Sample Job Duties (20 hr/week)	On-the-Job Learning Objectives
YEAR 1	SUMMER	Internship.	Program Begins. Financial/Soft-Skills.
	FALL	Software Testing and Documentation.	College + Paid apprenticeship start Learn employer's systems and apps.
	SPRING	Business Analysis, SDLC, and Front-end Development.	Learn to engage users and understand organization needs.
	SUMMER	Technical support.	Troubleshooting + bug fixes.
YEAR 2	FALL	Front + Back-end Development.	Core computational logic of the software.
	SPRING	Full-stack Development.	Core computational logic of the software.
	SUMMER	Full-stack Development.	Core computational logic of the software.
	FALL	Projects.	End-to-end projects.

*Job Duties may vary based on employer's business needs

About Wright College: Recognized as one of the top 150 community colleges in the nation by the Aspen Institute, Wilbur Wright College is a dynamic institution with a rich history and community, focused on student learning and completion.

About City Colleges of Chicago: City Colleges of Chicago (CCC) aims to put every student on the path to upward mobility. It is the largest community colleges system in Illinois and one of the largest in the nation, with more than 4,000 faculty and staff serving 77,000 students annually at seven colleges and five satellite sites.

About C4ITA: Center For IT Talent Acceleration is a 501(c)(3) not-for-profit organization, founded to address the chronic and widespread imbalance between the supply and demand (10 open jobs – 1 graduate available) of information technology talent in the marketplace, to create 500 software developers in 5 years, and to elevate the equity of our local under-served, under-represented, and under-resourced talent.

College:

Wilbur Wright College
 @City Colleges of Chicago
 4300 N Narragansett Ave, Chicago, IL 60634/
 1645 N California Ave, Chicago, IL 60647



Program Timelines:

Oct-May:	Recruit Students and Employers
Feb-Jun:	Interviews, student selection
Summer:	Summer Internship (if available)
Fall:	College & Paid apprenticeship begins

Want to know more? or join us?



Employers: Fill out the interest form on http://bit.ly/Employer_Interest or email: admin@c4ita.org

Eligibility: Any size employer that has current staff to mentor the apprentice with Software Development duties.



Students: Fill out the interest form on http://bit.ly/Student_interest or email: forms@c4ita.org

Eligibility: Current High School Seniors, recent High School Graduates, or CCC students with 12 credits or less.

