



Uno Pasadhika

Backend Developer



Alan Tan

Designer



Andrew Wang

Backend Developer



Kevin Wu

Frontend Developer



Find the Perfect CC Course

Data sourced from [Assist.org](#) and [CVC.edu](#)

University of California -... ▼

GE IA ▼

Search 🔍

Date
November 2023

We found **12 courses** that may transfer to **University of California - Irvine** for **GE Category IV** based on academic advisor for further information.

Search Filters

Online Format

☒ Asynchronous ☒ Synchronous

Instant Enrollment

Only show courses eligible for One-Click
☒ Registration between your home school
and the teaching school

Available Seats



Ohlone College

BA101A Financial Accounting

Online Tutoring

Quality Reviewed

Units	Term
5.0 Units	Jan 22 - May 17

Our mission —

Increase **access** to community
college resources and data

119

Community Colleges with UCI
Articulation Agreements

10,591

UCI Articulation Agreements

57%

Of Community Colleges Offer Online Courses



The problem —

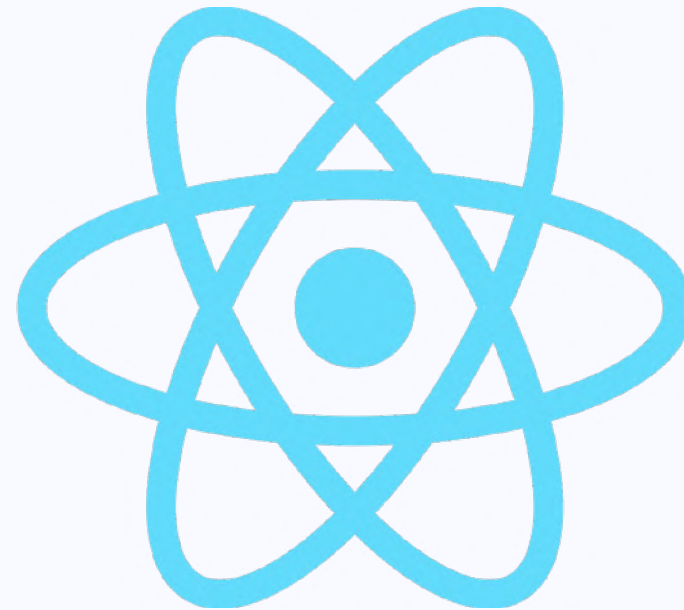
Finding **articulatable** community college courses is not easy



Image courtesy of OIT



Existing tools are designed
for transferring



Frontend Tech Stack

Figma, React, Next.js 13, Typescript, Tailwind CSS



OpenCV



Flask



python™



Backend Tech Stack

Node.js, Python, Flask, OpenCV, Tesseract, SQLite, Cheerio, AWS



PDFs are

hard to parse



Like,
seriously
un-easy.



PDFs are tough!

PDFs are
unstructured —
designed for human
readability, not machine



PyPDF2

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER	
<div><div>I&C SCI 31 - Introduction to Programming (4.00)</div><div>--- And ---</div><div>I&C SCI 32 - Programming with Software Libraries (4.00)</div><div>--- And ---</div><div>I&C SCI 33 - Intermediate Programming (4.00)</div><div><ul style="list-style-type: none">Please refer to additional important General Information section above</div></div>	<div><div>CS 37 - C++ Programming (3.00)</div><div>--- And ---</div><div>CS 41 - Data Structures (3.00)</div><div>--- And ---</div><div>CS 10 - Introduction to Programming Using Python (3.00)</div><div><ul style="list-style-type: none">Articulates with the first two courses in the series onlyCourses must be completed in this order</div></div>
MATH 2A - Single-Variable Calculus (4.00)	MATH 3A - Analytic Geometry and Calculus I (5.00)
	--- Or ---
	MATH 3AH - Analytic Geometry and Calculus I Honors (5.00)
MATH 2B - Single-Variable Calculus (4.00)	MATH 3B - Analytic Geometry and Calculus II (5.00)
	--- Or ---
	MATH 3BH - Analytic Geometry and Calculus II Honors (5.00)
One additional approved transferable course for the major (an approved Math, Science, or CSE course):	No Course Articulated
<ul style="list-style-type: none">Please refer to additional important General Information section above	

ONE ADDITIONAL APPROVED TRANSFERABLE COURSE FOR THE MAJOR (MATH OR CS COURSE)	
REFER TO TOP OF AGREEMENT	
MATH 3A - Introduction to Linear Algebra (4.00)	MATH 26 - Introduction to Linear Algebra (4.00)
--- Or ---	
I&C SCI 6N - Computational Linear Algebra (4.00)	No Course Articulated
I&C SCI 6B - Boolean Logic and Discrete Structures (4.00)	MATH 31 - Computer Discrete Mathematics II (3.00) Same-As: CS 6B
I&C SCI 6D - Discrete Mathematics for Computer Science (4.00)	MATH 30 - Computer Discrete Mathematics I (3.00) Same-As: CS 6A
I&C SCI 45C - Programming in C/C++ as a Second Language (4.00)	No Course Articulated
I&C SCI 46 - Data Structure Implementation and Analysis (4.00)	No Course Articulated
I&C SCI 51 - Introductory Computer Organization (6.00)	<div><div>CS 40A - Computer Organization and Assembly Language I (3.00)</div><div>--- And ---</div><div>CS 40B - Computer Organization and Assembly Language II (3.00)</div></div>
I&C SCI 53 - Principles in System Design (4.00)	No Course Articulated

Creating structure where there was none

Assist.org PDF to Image

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER	
MATH 2A - Single-Variable Calculus (4.00)	← MATH M25A - Calculus with Analytic Geometry I (5.00)
	--- Or ---
	MATH M25AH - Honors: Calculus with Analytic Geometry I (5.00)
MATH 2B - Single-Variable Calculus (4.00)	← MATH M25B - Calculus with Analytic Geometry II (5.00)
	--- Or ---
	MATH M25BH - Honors: Calculus with Analytic Geometry II (5.00)
MATH 2D - Multivariable Calculus (4.00)	← MATH M25C - Calculus and Analytic Geometry III (5.00)
MATH 2E - Multivariable Calculus (4.00)	← MATH M25C - Calculus and Analytic Geometry III (5.00)
MATH 3A - Introduction to Linear Algebra (4.00)	← MATH M31 - Introduction to Linear Algebra (3.00)
MATH 3D - Elementary Differential Equations (4.00)	← MATH M35 - Applied Differential Equations (3.00)

Recursive Articulation Sectioning

MATH 2B - Single-Variable Calculus (4.00)
.....
MATH M25B - Calculus with Analytic Geometry II (5.00)
--- Or ---
MATH M25BH - Honors: Calculus with Analytic Geometry II (5.00)

Text to JSON

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"from": [
  "MATH M25B",
  "MATH M25BH"
],
"to": [
  "MATH 2B"
]
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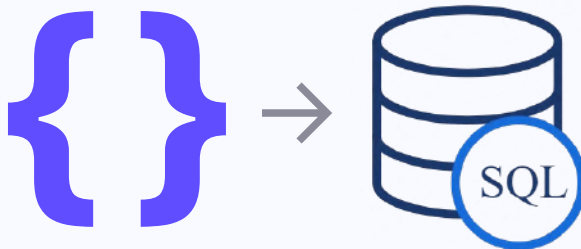
Binary Recoloring & OpenCV Edge Detection

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER	
MATH 2A - Single-Variable Calculus (4.00)	← MATH M25A - Calculus with Analytic Geometry I (5.00)
	--- Or ---
	MATH M25AH - Honors: Calculus with Analytic Geometry I (5.00)
MATH 2B - Single-Variable Calculus (4.00)	← MATH M25B - Calculus with Analytic Geometry II (5.00)
	--- Or ---
	MATH M25BH - Honors: Calculus with Analytic Geometry II (5.00)
MATH 2D - Multivariable Calculus (4.00)	← MATH M25C - Calculus and Analytic Geometry III (5.00)
MATH 2E - Multivariable Calculus (4.00)	← MATH M25C - Calculus and Analytic Geometry III (5.00)
MATH 3A - Introduction to Linear Algebra (4.00)	← MATH M31 - Introduction to Linear Algebra (3.00)
MATH 3D - Elementary Differential Equations (4.00)	← MATH M35 - Applied Differential Equations (3.00)

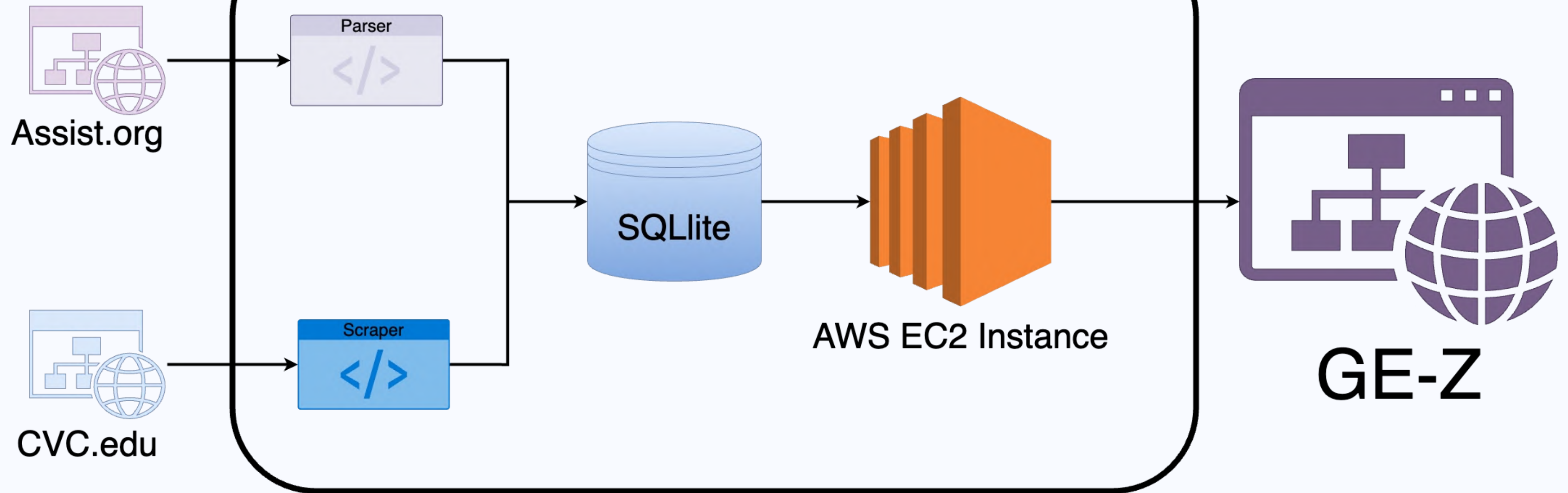
Tesseract Optical Character Recognition

MATH 2B - Single-Variable Calculus (4.00)
MATH M25B - Calculus with Analytic Geometry II (5.00)
--- Or ---
MATH M25BH - Honors: Calculus with Analytic Geometry II (5.00)

Relational Database Population



Our Architecture

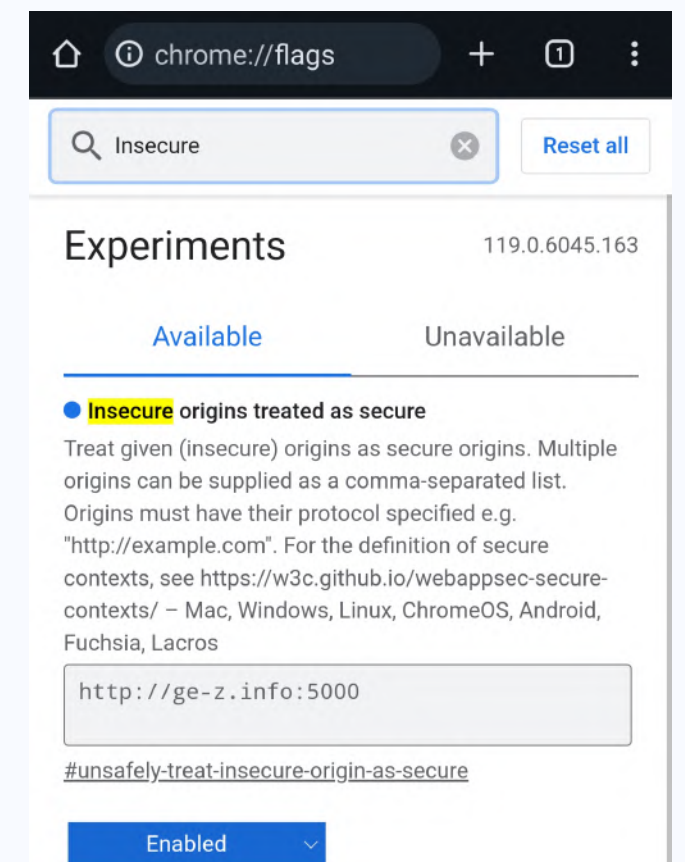
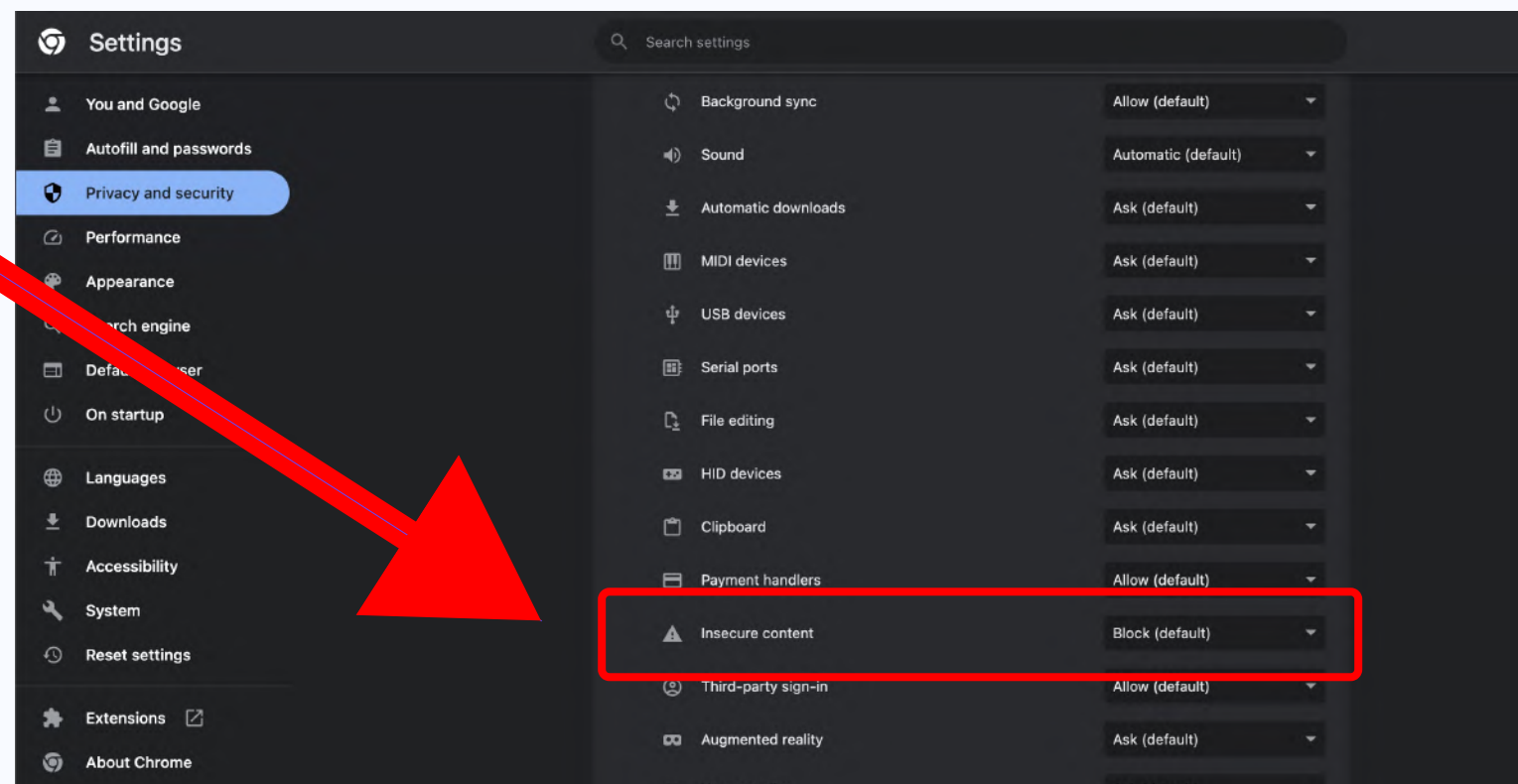
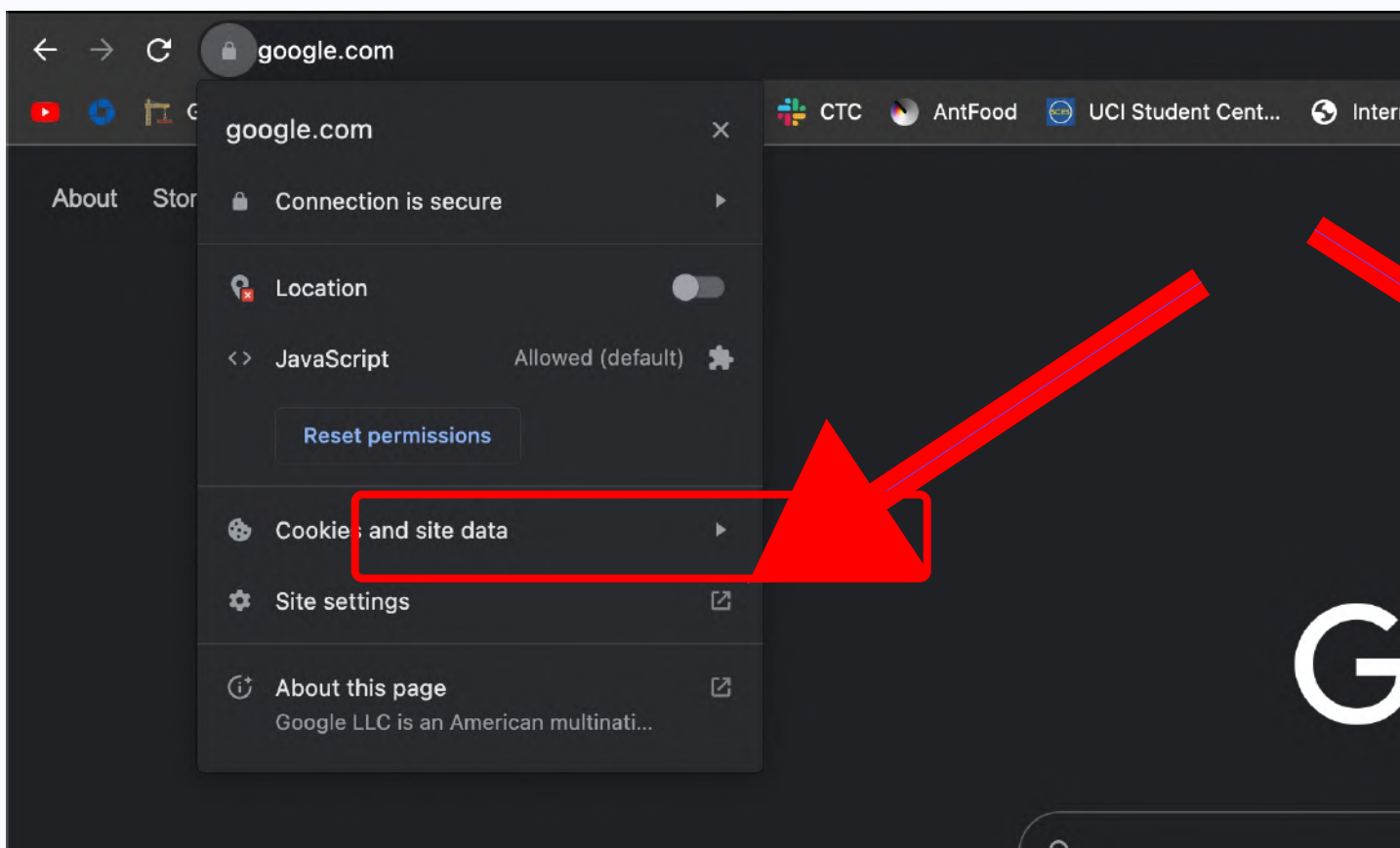


Enough telling,
time to demo!



GE-Z.vercel.app

***with http allowed



Demo Time :)

Find the Perfect CC Course

Data sourced from [Assist.org](#) and [CVC.edu](#)

University of California -... ▼

GE IA ▼

Search 🔍

Company Name
Laurelin60

Date
November 2024

Thank
You :)

Try Pitch

Made with ♥ by Uno Pasadhika, Alan Tran, Andrew Wang, Kevin Wu

