Colbyn Wadman
College Student
"I solve problems."

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About Me

Hello, my name is Colbyn Wadman and I'm a problem solver, writer, thinker, aspiring academic, and part time entrepreneur.

History

Notable Writing Classes

UVU | English 1010 - Introduction To Academic Writing

According to the Utah Valley University catalog,

> ENGL 1010 Teaches rhetorical knowledge and skills, focusing on critical reading, writing, and thinking. Introduces writing for specific academic audiences and situations. Emphasizes writing as a process through multiple drafts and revisions.

UVU | English 2010: Intermediate Writing

According to the Utah Valley University catalog,

> ENGL 2010 emphasizes academic inquiry and research in the humanities and social sciences. ENGL 2010 explores issues from multiple perspectives and teaches careful reasoning, argumentation, and rhetorical awareness of purpose, audience, and genre.

Notable comments,

> You are such a profound writer and thinker. It has been my privilege to be your instructor of record. One day I will say, I had him in my English class. I have such high hopes for you! Go conquer your world! You're awesome. —Dr. Jim Birrell

Notable Jobs

UVU | CS Grader - Computer Science

In my first semester at UVU I took CS1400 by professor Bianca Ruiz, whom then offered me a grading position at the end of the semester.

Uplynk/VDMS (Verizon Digital Media Services)

Jr. developer in the QA team lead by Asiel Brumfield.

Galileo Processing

Data center tech, worked with Robert Raver.

Space Monkey

Brief summer internship, back when I was 16 or 17, under my mentor, Tom Metge (when their office was located in Murray).

Notable Side Projects

Colbyn's Math Notes

I've been writing my own note taking tools in college, including this site. I also wrote the toolchain that compiled the HTML pages into the final result.

https://colbyn.github.io/school-notes-spring-2020/

> Regarding the link, technically it should be 'spring-2021'.
>
> Be advised, the site may take a second to load since it contains multiple semesters worth of math notes and the math formulas are compiled from LaTeX markup at runtime using a JavaScript compiler. Can also be accessed via the colbyn.com proxy (though it may change in the future).

Subscript

Work In Progress

iPad note taking app

A static site generator for publishing freeform content on the web (via an iOS app and your Apple Pencil), such as your school notes.

With Subscript you can build your own websites with your own hand drawn notes and is optimized for speed using (linkable) hierarchical organization without flipping through pages.

Example, my old freeform chemistry notes compiled via the app (pretty cool),

https://content.subscript.app/dev/chemistry-1010---fall-2021/index.html

> I've also been experimenting with an associated markup language which I hope will one day become popular in academia

Imager

Automated (Brute Force) Image Compression

Optimizes the compression using ML based metrics (using Netflix's VMAF tool) in a trial and error manner.

https://imager.io
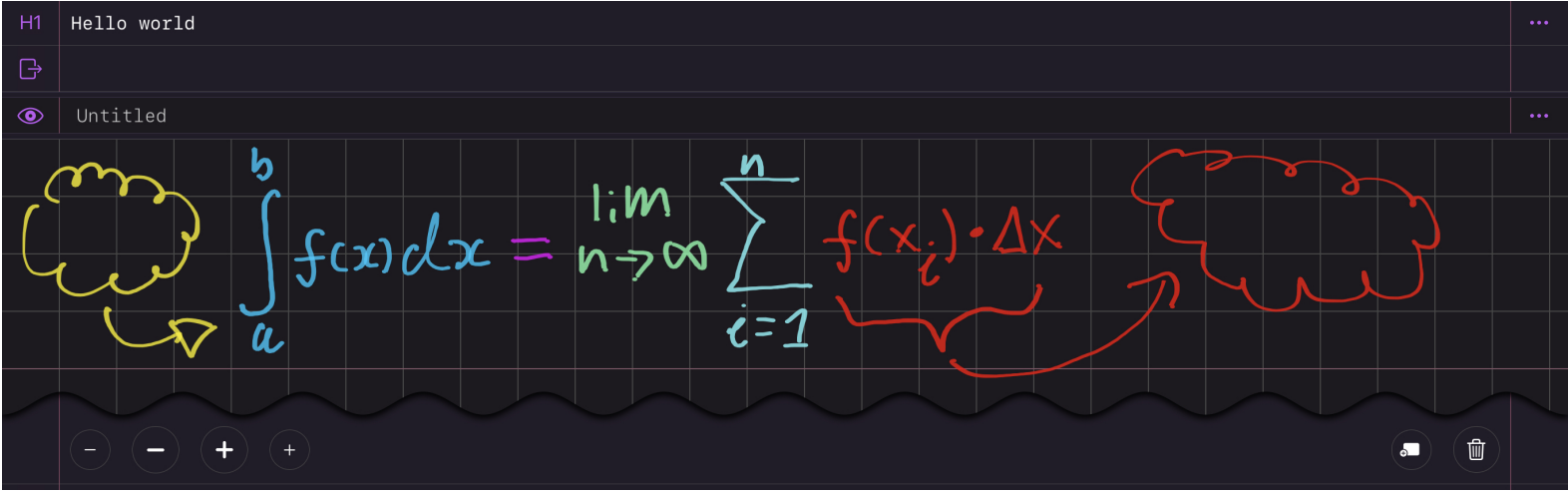
Professional Interests & Skills

Experience

Tags

Full-Stack	Parsing	Rust ❤️	Julia
MacOS/iOS development	Compilers	Swift ❤️	Python
UIKit, AppKit, and SwiftUI ❤️	Functional Programming ❤️	Haskell	HTML/CSS/JavaScript
Video	Type Systems	PureScript	LaTeX
		Elm	

Portfolio

The Subscript Note Taking App

Freeform note taking, designed and implemented by myself, with an in-app HTML compiler for publishing your notes. Notice the 'H1' row.

Links

A Few Random Essays	medium.com/@colbyn	
The Imager Landing Page	imager.io	
My Beautiful Math Notes	colbyn.github.io/school-notes-spring-2020/	(This was the forerunner to Subscript.)
My Personal GitHub Profile	github.com/colbyn	
The Imager GitHub Organization	github.com/imager-io	(Showcases my experience with low-level video codecs.)
The online version of this résumé	colbyn.github.io/resume-2023/	
This is what Bash should look like	github.com/colbyn/commands	