

Colbyn Wadman

Full-Time Student2020-present

History

Notable Teenage Events

Space Monkey

P2P Cloud Storage

Brief Summer Internship

2013 ±1 (sometime when I was 16/17)

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

Notable Jobs

Galileo Processing

Prepaid Credit Card Processor

2015 ±1 (sometime when I was 17)

Data center tech, worked with Robert Raver.

Uplynk/VDMS (Verizon Digital Media Services)

Video Streaming

2016

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

Notable Side Projects

Imager<sup>†</sup>

Automated (Brute Force) Image Compression

Commercial Failure

2019-2020

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

Current Projects

Subscript<sup>‡</sup>

Note Taking App

Work In Progress

2021-present

Subscript is an app that translates your hand drawn notes (VIA an Apple Pencil) into webpages with navigation, where the drawings themselves map to SVG markup.

It's unpublished, but I've already been using this in my classes, especially in chemistry.

The name 'Subscript' may not be property reserved in the app store and also such may be renamed in the future. If you're interested in evaluating my work, please reach out and I'll be happy to setup a meeting to present my work and technical details therefrom.

Professional Interests & Skills

Skills

Programming Topics

Full-Stack

IOS

Video

Parsing

Compilers

Functional Programming

Type Systems

Programming Languages

Rust

Swift

JavaScript

Haskell

PureScript

Elm

Julia

Python

Markup Languages & Other Formats

HTML

CSS

LaTeX

Sile

= very skilled and actively maintained    = productive and experienced    = still productive  
 = formerly productive (not necessarily forgotten)    = curious    = just productive  
 = unnecessary

Links

|                                     |   |  |
|-------------------------------------|---|--|
| [†] The Imager Landing Page         | <a href="#">imager.io</a>   |  |
| [‡] My Chemistry 1010 Notes         | <a href="#">content.subscript.app/dev/chemistry-1010---fall-2021/index.html</a>                 |  |
| [‡] My Electrical Engineering Notes | <a href="#">content.subscript.app/dev/electrical-engineering/circuit-analysis.html#Overview</a> |  |
| My Beautiful Math Notes             | <a href="#">colbyn.github.io/school-notes-spring-2020/</a>                                      | (This was the forerunner to Subscript.)                |
| My Personal GitHub Profile          | <a href="#">github.com/colbyn</a>   |  |
| The Imager GitHub Organization      | <a href="#">github.com/imager-io</a>  | (Showcases my experience with low-level video codecs.) |