

# Colbyn Wadman

College Student 2020-present

hello@colbyn.com

801-367-4487

## History

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### Notable Side Projects

#### Imager<sup>†</sup>

Automated (Brute Force) Image  
Compression

2019-  
2020

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

#### Subscript (iPad note taking app)

Automated (Brute Force) Image  
Compression

2019-  
2020

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

### Notable Jobs

#### UVU | CS Grader – Computer Science

CS140

Fall 2020

Instructor Bianca Ruiz

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

#### Uplynk/VDMS (Verizon Digital Media Services)

Video Streaming

2016

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

#### Galileo Processing

Prepaid Credit Card  
Processor

2015 ±1 (sometime when  
I was 17)

Data center tech, worked with Robert  
Raver.

### 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).

# Professional Interests & Skills

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## 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

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[†] The Imager Landing Page [imager.io](http://imager.io)

My Beautiful Math Notes [colbyn.github.io/school-notes-spring-2020/](http://colbyn.github.io/school-notes-spring-2020/) (This was the forerunner to Subscript.)

My Personal GitHub Profile [github.com/colbyn](http://github.com/colbyn)

The Imager GitHub Organization [github.com/imager-io](http://github.com/imager-io) (Showcases my experience with low-level video codecs.)

The online version of this résumé [colbyn.github.io/resume-2022/](http://colbyn.github.io/resume-2022/)

This is what Bash should look like [github.com/colbyn/commands](http://github.com/colbyn/commands)