

Colbyn Wadman

College Student

2020-present

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History

Notable Side Projects

Imager[†]

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

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
☐ = formerly productive (not necessarily forgotten)
☐ = curious ☐ = still productive
☐ = just productive ☐ = unnecessary

Links

[†] 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-2022/

This is what Bash should look like github.com/colbyn/commands