

**Links**

mupal@ucdavis.edu · [github.com/minupalaniappan](https://github.com/minupalaniappan)  
 minupalaniappan.com · <https://www.producthunt.com/@minu/made>

**Education & Awards**

B.S. in Computer Science at the University of California, Davis. (exp. graduation 2018) · Boy Scouts of America, Eagle Scout

**Experience**

Site Reliability Engineering Intern, Mailchimp Jun. to Sep. 2017

Built a notification system for Mailchimp's single deployment platform. Notifications capture all deployer (Travis-CI, Docker ext.) actions. Notifications are then visualized using a large Graphite cluster. Additionally, I developed a platform to automate Mailchimp's user-management scripts.

Co-Founder, Gradfire Jun. 2015 to Jan. 2017

Gradfire is the first platform to crowdsource students transcripts for effortless and effective higher-education course selection. Joined the Citris Foundry Accelerator at Haas School of Business, UC Berkeley. Currently, the platform has 4500+ registered students, with more than 45,000 visits.

Software Engineering Intern, Bitglass Jun. to Sep. 2016

Worked on a CASB (Cloud Access Security Broker) solution for all custom-developed Salesforce applications. Identified API footprints to effectively decrypt and encrypt client data.

Software Engineering Intern, XiQ Aug. to Dec. 2015

Introduced IBM's Bluemix PaaS to pre-existing XiQ API. Specifically used Watson's Discovery & Conversation utilities to introduce more content pipelines; API's accuracy improved significantly.

Software Engineering Intern, CK12 Foundation 2010 to 2014

Designed the 1.0 iOS application via Illustrator. Developed an Android application to gamify their educational content. Additionally, built a suite of QA tools to simplify resource citations for content creators and authors.

**Projects**

Dojo	An underground social network that clustered content based on location and interest.
Wolfio	Solve any math problem, from simple arithmetic to multivariable calculus via SMS.
Rapthatbeat	A search engine for all song instrumentals.
Ballmetric	Find all video clips of NBA plays broken down by player, shot type and distance.
Emojistream	Facebook bot that translates your texts into emojis.
Shape Language	1st place overall at Hack Davis. Draw a shape on a touchpad, and it will vocalize it.
Keynote Stash	A collection of the greatest keynote speeches & talks.
Drakify	Generate a music video timestamp for when a lyric is spoken.
Migo	A search engine for philanthropy events near you.

**Skills**

1. Ruby · Rails · Sinatra · Resque · Rack
2. Python · Django/Flask · SciKit · BS3 · CV
3. JS · React · Backbone · Node · Redux · D3
4. TravisCL · webpack · Babel · Jenkins · Phan
5. SQL · PSQL · MySQL · PHP · Phake · Hamcrest
6. Java · C · C++ · Prolog · LISP
7. Sketch · Git · AI · Heroku · AWS · Jekyll

**Relevant Coursework**

1. Algorithm Design · Data Structures · OOP
2. Computer Architecture · Assembly/Machine
3. Discrete Math · Abstract Math · Linear Algebra
4. Matlab · Scientific Computation · Matrix decomp.
5. Independent study · Ethics in Tech · Tech Seminar
6. Bioinformatics