

# Wassim Gharbi

Design Technologist / Full-Stack Software Engineer

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(610) 772-7144 • Mountain View, CA

## Languages

English, French & Arabic

## Honors & Awards

### Phi Beta Kappa

Honors Society

### Pi Mu Epsilon

Honors Society

### Epsilon Pi Upsilon

Honors Society (Vice President)

### Other Awards & Scholarships

Dean's List for Academic Excellence

AMIDEAST DKSSF Scholar

Lafayette EXCEL Research Scholar

Lafayette International Scholarship

Lafayette Leadership Institute

Cryptography Competition Winner

Business Plan Competition Winner

Dun & Bradstreet Business Certificate

Google Ads Fundamentals Certificate

## Skills

Project Management, Software Engineering, Interaction Design and Prototyping, Graphic Design, Mobile & Web Development, UI & UX Design, Computer Vision and Human-Computer Interaction Research, AWS Server Management.

Proficient in Photoshop & Sketch. IoT Devices & Electronics hobbyist, creating multiple Raspberry Pi and Arduino projects.

## Development Stack

Node.js, React.js, React Native, Express.js, Next.js, Electron, HTML, CSS, Javascript, Java, PHP, Python, Django, Tensorflow, jQuery, Closure, Soy, SQL, MongoDB, Firebase, C++ (Qt), R, Lua, LaTeX, Shell, Hadoop MapReduce, Rasa NLU.

Experience with Google Cloud, Amazon AWS, Continuous Integration (Travis, etc.), OpenAPI, IoT, Heroku, Firebase, Facebook & Google SDKs, Leap Motion & Kinect.

## Research & Publications

### Finding your Lookalike: Measuring Face Similarity Rather than Face Identity

*CVPR Workshop on Visual Understanding of Subjective Attributes 2018*

Sadovnik A., Vu T., Gallagher A. We propose a new dataset for facial similarity and

introduce the Lookalike network for similar face classification outperforming ad hoc usage of face recognition networks.

arXiv:1806.05252

## Education

### B.S. Computer Science, Minor in Mathematics

Lafayette College '19

3.849 Cumul. GPA

## Work Experience

### Software Engineer II Google, Area120

July 2019 - Present Mountain View, CA

Focused on improving web performance and exploring new opportunities for novel content media (e.g. Stories & short videos).

(July 2019 - Dec 2019) AMP Core UI / Bento AMP ([amp.dev](http://amp.dev))

- Managed, launched, landed and maintained core experiences on the open source AMP Project directly affecting 2B+ web pages
- Spoke at various conferences on Javascript performance

(Dec 2019 - July 2020) Storytime/Web Stories Editor

- Prototyped, developed and launched the WYSIWYG Web Stories Editor ([wp.stories.google](http://wp.stories.google)) as part of Google's critical Storytime efforts.
- ~10k active installs in the first three days after launch.

(July 2020 - Present) Startup [Tangi.co](http://Tangi.co) by Area120 (video consumption platform)

- Lead the prototyping, implementation and launch of the Tangi app on iOS and Android as part of the Area 120 internal startup incubator
- Grew Tangi to thousands of content creators and hundreds of thousands of monthly active users leading to a successful acquisition
- ~6 "Spot" bonuses (highest mgmt bonus) + multiple peer bonuses

Offers from  Google,  Amazon,  Robinhood,  Cloudflare &  Expo.io

### Software Engineering Intern Google

May 2018 - August 2018 New York City, NY

Joined Google Docs to work on improving the offline experience. Collaborated with project managers, designers, and engineers to execute and deliver a project. Wrote both core Java server code as well as client-side Javascript code, delivered design documents, rollout and testing plans for the various added features.

Received a full-time returning offer as a Superstar intern

Received internship offers from  Google and  Microsoft

### Software Engineering Intern Google

May 2017 - Aug 2017 Mountain View, CA

Worked as part of Google Search's AMP team to create new media consumption experiences. Combining User Interaction Design and development skills to implement and launch core features including video minimization, video controls, tilt-to-pan, fullscreen-on-rotate and more. Participated in and led Agile (Scrum) software development cycle activities including sprint planning, code reviews, and demos.

- Shipped code on 2B+ web pages on 900k+ different domains
- Received a "Spot Bonus" as an intern (highest management bonus)

### Solutions Engineer / Graphic Designer Lafayette Recreation Services

December 2015 - May 2019 Easton, PA

Designed and managed multiple successful projects and social media campaigns. Engineered a people counting sensor using a Raspberry Pi development board and Computer Vision to count the number of students using the Gym. Designed and implemented the center's app in React Native.

### ITS Web Development Team Lafayette College

Jan 2016 - Jul 2016 Easton, PA

Designed and implemented web components for the Lafayette.edu site.

Researched accessibility techniques for Wordpress and integration with Moodle.

