# Thomas Adrian Gerard

developer, designer, and digital-first journalist

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## Work Experience:

**Software Developer**
at **Redfin**
**Summer 2020 - Present**
  **Full-Stack Production Development:** Develop, review, test, and deploy full-stack code, architectures, and services to build Redfin's home renovation platform alongside our product team and users.
  **Specialized Technical Knowledge:** Contribute to company-wide technical discussions and initiatives in GraphQL, React, and React Native through "Working Group" membership.
  **Interviewing, Mentoring and Team Leadership:** Lead my team's projects through documentation, planning, and delegation, seeking out ways to develop the skills and independence of my team members.

**Online Editor**
at **Daily Bruin**
**Winter 2018 - Summer 2020**
  **Project and Paper Management:** Oversee 4 project leads and their teams (~35 developers) in the creation of websites, internal tools, and data-driven content to support the digital home of the newspaper.
  **Teaching and Training:** Help interns develop their professional web development skills through peer programming and code reviews.
  **User Growth:** Use Analytics platforms, SEO, and Social Media strategies to promote a large-scale website that has over 4,000,000 unique pageviews per year.

**Supervisor**
at **UCLA Computer Store**
**Fall 2017 - Summer 2020**
  **Team Management:** Supervise ~18 employees in a retail environment through task management, scheduling, and conflict resolution.
  **Hiring and Training:** Conduct the full hiring process from applications and interviews through onboarding and training.

## Featured Projects:

**dailybruin.com**
https://dailybruin.com/
A full-stack award-winning rearchiture and redesign of dailybruin.com, built from the ground up to provide a fresh and reliable reading experience
React.js + Next.js | PHP | GraphQL | SEO | Advertising | Digital Ocean + AWS Server Management

**COVID-19 Dashboard**
https://features.dailybruin.com/2020/covid-19/
Built alone in less than 24 hours, this national award-winning site is an updating hub for all of the newspaper's coronavirus coverage
React.js | HTML/CSS | RESTful Backend

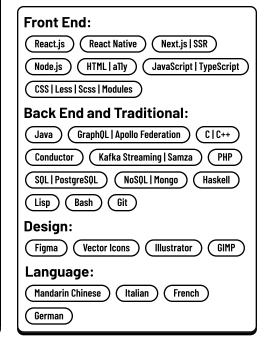## Education:

**UCLA** (University of California - Los Angeles)
**Linguistics** and **Computer Science**
**Fall 2017 - Spring 2020**
  **GPA:** 3.90 (Magna)
  **Specialized Coursework:**
  - Computational Lingusitics
  - Automata Theory
  - Syntax
  - Semantics

## Skills:

**Front End:**
React.js | React Native | Next.js | SSR
Node.js | HTML | a11y | JavaScript | TypeScript
CSS | Less | Scss | Modules

**Back End and Traditional:**
Java | GraphQL | Apollo Federation | C | C++
Conductor | Kafka Streaming | Samza | PHP
SQL | PostgreSQL | NoSQL | Mongo | Haskell
Lisp | Bash | Git

**Design:**
Figma | Vector Icons | Illustrator | GIMP

**Language:**
Mandarin Chinese | Italian | French
German

## About Me:

I'm looking for a team that's going to match my passion for the product and our users, driving one another to be the best we can be, and having a whole lot of fun doing it.

Outside of work, you'll find me playing Ultimate Frisbee, brushing up on a second language, or baking a loaf of bread for the week ahead's sandwiches.