

# William Hsieh

Computer Science · UCLA

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## Education

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### UCLA (University of California, Los Angeles)

B.S. in Computer Science

Sep. 2020 – Jun. 2024

- GPA: 3.93/4.00
- Standardized testing: SAT (1540/1600), ACT (35/36)
- Completed courses: Intro to Computer Science, Data Structures and Algorithms, Computer Organization
- Courses in progress: Software Construction, Intro to Algorithms and Complexity

## Projects

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### Story Effects

Personal Project

Aug. 2021 – Present

- Wrote a Python script to process media and overlay date and time metadata
- Integrated the script for a website using Flask and Repl.it
- Reduced time spent editing photos by 95%

### Westwood Sans

ACM Design

Jan. 2021 – Present

- Designed a custom display font for ACM at UCLA branding
- Taught team members software (Figma, Glyphs) for font design and oversaw GitHub updates
- Expanded use of the font into all graphics and throughout the organization

### Status App

Head of Design

Aug. 2019 – Jun. 2020

- Designed an app to display bell schedules for students, teachers and parents
- Integrated school online newspapers and administration announcements into the app
- Expanded use to multiple school districts across California

## Research

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### Math ExplR at UCI

Merkel Cell Heterogeneity and the Role of IRX5 in Hair Follicle Development

Summer 2019

- Conducted single-cell RNA-sequencing on skin cells and analyzed data in RStudio
- Guided team members in writing a final paper and presentation using LaTeX
- Presented the final presentation and addressed questions from professors

## Activities

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### Association for Computing Machinery at UCLA

Design Officer

Sep. 2020 – Present

- Designed graphics for all ACM sub-committees
- Pioneered the custom display font Westwood Sans

### Science Olympiad (High School)

Co-Captain, Media Director

Aug. 2016 – Jun. 2020

- Structured and planned weekly meetings and competitions for a team of 32
- Trained a media team and created end-of-season graphics and videos
- Achieved top placements in over 20 events and mastered new topics quickly

## Skills

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**Software** Adobe Suite, Final Cut Pro X, Blender, Figma

**Languages** C++, Python, HTML, CSS, LaTeX