

# Racquel Fygenson

## Work Experience

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- Data Visualization**  
Crosstown LA      Jan 2019 – Present  
Designing and editing graphs about crime, traffic, and air quality in Los Angeles for digital publication.
- Brand Director & Lead Designer**  
Or Clothing Tech.      May 2017 – Present  
Working with the fashion line's founder to define core aesthetics, tags, packaging, catalog & selling platforms for the company.
- Teaching Assistant, C++**  
I.T. Program      Aug. 2017 – Dec. 2017  
USC  
Assisting in course ITP365, *Managing Data in C++*. Grading assignments, teaching students, holding weekly office hours and troubleshooting code.
- Director of Operations**  
LavaLab USC      2016 – 2017  
Planned and oversaw day-to-day operations at this student-run product incubator. Designed & taught curriculum, ran weekly meetings for 30+ students, and managed 7 projects each semester.
- Mechanical Engineering Intern**  
Intel Corporation      2016 – 2017  
Prototyped wearable technologies for the Smart Device Innovation Team. Designed, built, tested, and documented experiments. Wrote methodology for patent.

## Education

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- Iovine & Young Academy**  
University of      2015 – May 2019  
GPA: 3.91 / 4.00      Dean's List: 2015 – 2018  
B.S. in Arts, Technology & the Business of Innovation.  
Studying **Mechanical Design** and **Data Visualization**.  
For more information visit: <http://iovine-young.usc.edu>
- Decision Leadership/Negotiation**  
Stanford PCSP      2014  
Studied game theory, decision trees, and human-centered communication tactics.
- Engineering Academy**  
Dos Pueblos HS      2011 - 2015  
GPA: 4.71 / 4.00  
Learned design theory, Arduino, SolidWorks, and manufacturing techniques through project-based curriculum.  
For more information visit: [www.dpengineering.org](http://www.dpengineering.org)

## Skills & Useful Notes

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### Contact

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www.racquelfygenson.com  
Location: Los Angeles, CA

### References

Earlier work experience (starting in 2012) and references available upon request.

### Bio

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Racquel is a senior at USC pursuing a career in Data Science & Information Visualization.

She is committed to making data-based information more accessible through design.

### Software

R, C++, Python, Microsoft Excel, Tableau, SQL, PHP, Arduino, HTML, CSS, JavaScript, P5.JS, D3.JS, WebFlow, web crawling & scraping

### Design

Adobe Illustrator, PhotoShop, InDesign, AfterEffects, SolidWorks, data visualization, typography, digital illustration, design theory, organization & systems design

### Hardware

Manual mill, lathe, drill press, bandsaw, hand & power tools, laser cutting, 3D printing, sewing (hand & machine), soldering, rapid prototyping

### Other

Project management, research & development, presentation design & delivery, tutoring, French (skilled), Portuguese (basic)