# Samuel Z. Grunebaum

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## EDUCATION

**Williams College, Williamstown, Massachusetts**
Bachelor of Arts, Graduated June 2, 2019                                         GPA: 3.69, Dean's List
Majors:  Computer Science and Comparative Literature (Spanish Language)
*Honors/Awards: 2019 Fulbright Fellow, 2018 Comparative Literature Departmental Research Grant*

**IFSA Butler – Universidad del Salvador, Buenos Aires, Argentina (Fall 2017)**
Courses: Advanced Spanish, Linguistics, Comparative Structures, Art History

## STACKS & LANGUAGES

**Programming languages and other technologies:** *Python, JavaScript, React, Scala, Java, C, C++,  R, HTML/CSS, Shopify Liquid, Git/GitHub, Docker, Node.js, Figma, Adobe CC, Microsoft Office, LaTeX*

***Fluent in Spanish***

## EXPERIENCE

**Digital Design & Education Consultant, New York, NY/Remote (June 2021-Present)**
*Independent UX Design, Software Development, eCommerce, and Tutoring*
- Digital consultant for Reliable Diabetes Care, a subsidiary of Reliable Respiratory family of healthcare solutions. Leading team to launch and optimize CGM Experts shop
- Led collaborative team owning launch of CGM Experts DTC glucose monitor eCommerce store; provided branding, UX design, software development, and full digital marketing package
- Contributing full stack Design and Engineering Fellow for the Internet Archive's Open Library, contributed to design system for production website, designed and implemented new pages
- Solo web designer and full stack developer for redesign of Kimino Drinks eCommerce store, worked with stakeholders and UX consultants to design and implement dynamic web apps and set up email capture flows, increasing conversions through optimized website design
- Lead designer and developer for fine artists' websites (Willa Cosinuke, Nora Normile)
- UX/UI design lead for Meanwhile Partners (Nan Xiang Express, ABC POS)
- UX design lead and solo developer for Urban Cowboy Creative Studio
- Freelance tutor, both independent and in partnership with Inspirica Pros agency, tutoring high school and college students in coursework, AP exams, and personal computer science projects
- Freelance Computer Science curriculum designer for TeachCS educational consultancy

**Computer Science Instructor, Horace Mann School, New York, NY (August 2020-June 2022)**
*Computer Science and Engineering Department, Upper Division*
- Lead instructor in high school-level classes covering a wide variety of both introductory and advanced topics and programming languages
- Worked with diverse team of faculty to redesign departmental curricula; designed and taught two new popular electives covering software application design and theoretical computer science, redesigned and taught intermediate programming course covering AP to college-level material
- Completed faculty SEED Project training, coached FTC Robotics, taught user interface design workshop for 2021 Hack the Bronx virtual Hackathon, advised senior independent study

**Fulbright English Teaching Assistant, University of Málaga, Spain (September 2019-June 2020)**
*Visiting Assistant Professor in Computer Science/Engineering, Undergraduate and Masters*
- Prepared and led lessons, workshops, and tutoring sessions to teach university students professional English skills, software engineering, human-centered design, UX research processes, software ethics, statistics/data analysis, technical writing, and more
- Organized and led university students and faculty in providing coding workshops for local middle school students, delivered three workshops before time in Spain cut short by pandemic
- Conducted lessons and office hours sessions remotely from New York with students in Spain during Covid-19 pandemic, designed live and prerecorded video lessons

**Williams College Museum of Art, Williamstown, MA (Academic Year 2018-19)**
*Agent for Creative Action*
- Planned and led events and programs for visitor engagement including planning installations, designing promotional material, and performing UX research with museum stakeholders

**Comparative Lit. Department, Williams College, Williamstown, MA (June 2018-June 2019)**
*Archival Research Assistant*
- Compiled extensive notes, sources, and images for biography of art collector Archer Milton Huntington, produced two 40-page biographical research packets analyzing selected artworks

**Computer Science Department, Williams College, Williamstown, MA (Spring Semester 2018)**
*TA for Computer Science 134 B: Digital Communication and Computation*
- Led breakout sessions for help with labs, problem sets, and review for exams
- Tested and reviewed lab and project code submissions, documented errors, and assigned grades

**Algora.io, Remote (Williams College Winter Study, January 2018)**
*Full Stack Software Development; Python, Jinja2, HTML, CSS, JavaScript*
- Full stack software engineering and design intern for [engineering crowdsourcing platform](#)
- Implemented new pages for user profiles, community message forums, and main feeds using Python and Jinja

**iFLYER.tv, Tokyo, Japan (Summer 2017)**
*Web Design and Social Media*
- Designed and published article pages for [Otaquest](#) beta site using HTML/CSS/JavaScript and iFLYER Apex API interface, contributed to [iFLYER](#) web design
- Performed quality assurance tests on various apps and websites, including the Fuji Rock 2017 Music Festival App

**Parachute Health, New York, NY (Summer 2016)**
*Product Research and Quality Assurance*
- Ran quality assurance checks on system API, documented errors and testing processes
- Created digital prototypes for Parachute search portal using Java and HTML

**EXTRA-CURRICULAR ACTIVITIES & NON-DEGREE COURSES**

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**2018-2019 Paper Airplanes Volunteer ESL Tutor**
**2018-2019 Backing Pianist for Private Vocal Lessons, Williams College**
**2015-2018 Williams College Jazz Ensemble (Piano)**

**The City College of New York, New York, NY**
Non-Degree Course in Linear Algebra, Summer 2021; Grade: A