# Lucas Schroeder

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## EDUCATION

**Brown University**                                       Expected Graduation: May 2022
- Computer Science | Modern Culture & Media  | GPA: 3.92 / 4.0
- ***Coursework*** in Algorithms & Data Structures, Object-Oriented Programming, Deep Learning, Computer Vision, Statistical Inference, Computer Systems, Linear Algebra, CS for Social Change

## EXPERIENCE

**CS For Social Change**                                                Providence, RI
*Software Developer*                                             *Jan 2021 — PRESENT*
- 1 of 4 software developers partnering with Brown University's Policy Lab to create a web application that provides a unified means for drafting and signing data use agreements between organizations

**EdLight**                                                  Boston, MA (Remote)
*Computer Vision Intern*                                         *May 2020 — Aug 2020*
- Lead backend development in Python of web application capable of performing intelligent character recognition on teacher rubrics and gradebooks in under 6 seconds
- Implemented assignment markup interface on frontend in ReactJS for platform with over 12,000 users

*Part-time Software Developer & Project Manager*                    *Aug 2020 — PRESENT*
- Hired and managed 3 freelance image labelers to curate a dataset of 9,000 classified images
- Execute thorough testing and bug fixes for new feature rollouts

**Brown University**                                                Providence, RI
*Teaching Assistant, Computing Foundations*                       *Sept 2020 - Dec 2020*
- Conduct weekly labs of 20 students, lead office hours to support 380 students, grade course assignments

*Teaching Assistant, Computer Vision*                            *Jan 2021 — PRESENT*
- Hold weekly office hours, grade assignments, and assist with course design and development

## LEADERSHIP & COMMUNITY ENGAGEMENT

**Brown Motion Pictures**                                           Providence, RI
*Director and Screenplay Coordinator*                            *May 2019 — PRESENT*
- 1 of 4 film directors chosen in spring 2020 to lead narrative shorts with cast and crew size of 10-15
- Curate semesterly selection of top 5 screenplays from 50+ student submissions
- Organize and lead monthly screenplay writing workshops for Brown and RISD students

**Swearer Center & Hong Kong Polytechnic University**                        Hong Kong
*Storytelling Abroad Fellow*                                     *May 2019 - August 2019*
- 1 of 4 fellows selected from 80+ applications to film, produce, and publish a series of 8 documentaries following Hong Kong Polytechnic student service teams in Rwanda, Cambodia & Hong Kong

## SKILLS & INTERESTS

**Technical**:  Java, C, Python, Javascript, HTML, CSS, Tensorflow, React, Google Cloud Platform