

# CHRISTIE YU

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## EDUCATION

**Yale University**, New Haven, CT | 2018-2022 (Expected)

*Computer Science and English double major, GPA 3.74/4.0*

Coursework: **Systems Programming** (C), **Data Structures** (C), **AI & Machine Learning** (Python), **Intelligent Robotics** (Python), **NLP** (Python), **Digital Humanities** (JS, Vue), **Data Visualization** (JS, D3), **Data Analysis** (R)

**Wellesley High School**, Wellesley, MA | 2014-2018

- GPA 4.9/5.0 (weighted); SAT 1570; PSAT full score
- Science Team captain, Executive Editor of newspaper, grad speaker

## ACTIVITIES

**Inaugural Yale Daily News Digital Editor** Sep. 2020 to Sep. 2021

- Led website redesign, app launch & social media rebrand projects

**Yale Daily News Production & Design Editor** Sep. 2018 to Sep. 2020

- Produced [daily paper & graphics](#) with Adobe suite under time pressure
- Planned, marketed & co-taught weeklong Student Journalism Program for 60+ high schoolers with revenue of \$8,000+
- Spearheaded transition to remote production during pandemic

**CS50 Undergraduate Teaching Assistant** Fall 2019, 2020, & 2021

- Teaching C, Python, webdev to 20 undergrad & grad Yalies in [weekly section](#)
- Leading biweekly office hours for over 400 registered students

**Amoriem Labs (Yale GameDevs)** Jan. 2019 to present

- Founder, PM, president of [Amoriem Labs](#), Yale undergrad game studio with 80+ active members, 200+ past members, and 9 current officers

## WORK EXPERIENCE

**Memorial Sloan Kettering Cancer Center**, New York City, NY

*Senior Tech Incubation Intern in Digital, Informatics & Technology Solutions* | June - Aug. 2021

- Presented 4 proofs-of-concept of far-future AR/VR use cases in the cancer hospital, using tech such as Unity, Vuforia, LeapMotion, Microsoft HoloLens, Twitch, and StreamLabs OBS
- Won "People's Choice Award" in 40+ competitor hackathon proposing new MSK global hub

*Tech Incubation Intern in Digital, Informatics & Technology Solutions* | June - Aug. 2020

- Transitioned internal patient survey service with 180,000+ users and 1.5+ mil user entries to IBM Watson Assistant conversational format in agile, iterative, full-stack project, and [presented results](#) to C-suite executives
- Won 40+ competitor hackathon building long-term platforms for accessible health software & hardware

## Student Corps

*Founder & President of National Board* | July 2017 - present

- Incorporated [501\(c\)\(3\) non-profit](#) organization with 40+ chapters and hundreds of student volunteers
- Designed and taught 8-week [English seminar](#) for 70+ students, fundraising \$26,052 (matched 5x) for CARE

**High Profile Club**, London, UK

*Marketing & Event Organiser Intern* | June - Aug. 2019

- Managed InfusionSoft marketing campaigns; edited, laid out, & published 120pg [book](#) on client achievements
- Directed & hosted masterclass & networking events with 60+ attendees each at 5+ self-booked London venues

**Broad Summer Scholars Program**, The Broad Institute of MIT and Harvard

*Research Assistant* | June - Aug. 2017

- Performed ribosome profiling on unannotated open reading frames in melanoma & leukemia cell lines
- Optimized a [command-line pipeline](#) of FastX, Bowtie, TopHat, Star, and RibORF for NextGen-sequenced RNA

## SKILLS & ABILITIES

Tools:

- **Adobe Suite**, esp. **inDesign** (7+ yrs experience), **Illustrator** (Udemy certified)
- InVision, Adobe XD, Figma, Miro
- IBM Watson toolkit, AR/VR SDKs, LeapMotion SDK, Unity + AR packages

Skills:

- **Full-stack software engineering: user-research, prototyping, front-end development, back-end infrastructure**
- C, Python, JavaScript, Racket; webdev (node.js, Vue, Express, Flask); data management (SQL, MongoDB, R)
- Agile project management

## AWARDS

- **National Merit Finalist** (\$2500)
- **5 Presidential Service Award Medals**
- **Women in Science MA 1st place award**
- **Scholastics Writing and Art Awards** for acrylic & oil paintings, pencil sketches, jewelry, short stories, and flash fiction
- **National Latin Exam** gold medals

## LANGUAGES

- **English** and **Chinese** (natively fluent)