CHRISTIE YU

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EDUCATION

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

Computer Science and English double major

Coursework: **Data Structures** (C), **AI & Machine Learning** (Python), **Digital Humanities** (JS, Vue, Flask), **Natural Language Processing** (Python), **Data Analysis** (R), Directed Studies intensive humanities program

Wellesley High School, Wellesley, MA | 2014-2018
· **GPA 4.9/5.0** (weighted); SAT 1570; PSAT full score
· Captain of Science Team, Executive Editor of newspaper, VP of NHS

ACTIVITIES

Yale Daily News Production & Design Editor Sep. 2018 to present

· Design daily paper & graphics using inDesign, Illustrator, K4 CMS
· Planned, marketed & co-taught weeklong Student Journalism Program for 60+ high schoolers with revenue of $8,000+
· Directed transition to remote production workflow during pandemic

CS50 Undergraduate Teaching Assistant Fall 2019 & 2020

· Taught C, Python, Webdev to 20+ undergrad & grad Yalies in weekly section

Amoriem Labs, Yale GameDev Jan. 2019 to present

· Founder, PM, Main Artist of Amoriem Labs, Yale undergrad game studio
· Plan agile weeklong sprints & goalset for programming, art, music teams

Student Tech Collaborative Media Tech Coord. Oct. 2018 - Nov. 2019

· Designed media for Yale orgs., rehauled training program for new hires

WORK EXPERIENCE

Memorial Sloan Kettering Cancer Center, New York City, NY

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 company executives
· Prototyped & shared vision, timeline, success metrics of all-in-one patient chat agent for future development

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, designed & published 120pg book on client achievements
· Directed & hosted masterclass & networking events with 60+ attendees each at 5+ self-booked London venues

MT Law LLC, Lexington, MA

Paralegal | June 2018 - Aug. 2018 & May 2019 - June 2019
· Wrote, copy-edited & filed immigration petitions to USCIS, including L-1, EB-1A, O-1 petitions

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
· Designed and presented scientific poster at conference and authored 15pg academic paper on research findings

SKILLS & ABILITIES

Tools:
· **Adobe Suite**, esp. **inDesign** (7+ yrs experience), **Illustrator** (Udemy certified)
· InVision, Adobe XD prototyping tools
· IBM toolkit (esp. Watson, Functions, API)
· Microsoft & Google Suites, Slack

Skills:
· **C, Python, JavaScript, node.js, Vue, Express, Flask, Racket, HTML, CSS, SQL, MongoDB, webscraping, R**
· Wet lab skills, including pipetting, PCR, gel electrophoresis, cell culture
· Agile project management
· Copy editing; legal writing

AWARDS

· **National Merit Finalist** ($2500)
· 3 **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)