

JESSICA XIAO

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SKILLS

Technical Skills: Python, LaTeX, HTML, CSS, JavaScript, C, C++, Git, SML, UNIX

Artistic Skills: Highly Proficient in portraits, landscapes, figure drawing with oil, acrylic, pastels, and print

OBJECTIVE

I desire an internship that allows me to create technology for the benefit of the users. I hope to advance my technical skills and find opportunities to apply my creative knowledge.

EDUCATION

Carnegie Mellon University | May 2022

Bachelor of Science in Computer Science | GPA: 3.55

Southridge High School | June 2018 | Diploma

GPA: 4.56 | ACT: 36 Composite | IB Diploma Program

COURSEWORK

15-122 Principles of Imperative Computation

15-150 Principles of Functional Programming

21-241 Matrices and Linear Transformations

15-151 Mathematical Foundations for Computer Science

15-112 Fundamentals of Programming and Computer Science

07-131 Great Practical Ideas of Computer Science

AP Calculus BC, AP Statistics Previously Taken

HONORS / AWARDS

ELK Most Valuable Student Top 20 National Finalist

Coca Cola Scholar Regional Finalist

U.S. Presidential Scholar Semifinalist

High School Valedictorian

Congressional Art Competition Winner

Multiple Gold & Silver Scholastic Art Awards

EXPERIENCES

Story Trails: An app that presents social stories to acquaint autistic children with the hospital setting. We are working with the Autism Society of Pittsburgh and the Children's Hospital in Pittsburgh.

Break-Down Tech: An interactive application that teaches adults/seniors to use mobile phones.

Hack 112: A hackathon planned by the Fundamentals of Programming and Computer Science course staff. My team and I recreated a Doodle Jump game that could sense hand gestures.

ACTIVITIES

Design for America, 2018-Present

Mayor's Youth Advisory Board
(Selected Member and Co-Chair),
2014-2018

Key Club (President), 2014-2018

Uganda Club (President), 2015-2018

Model United Nations (Co-President),
2015-2018

Principal's Equity Advisory Committee (Selected Member),
2015-2018