Anna Gerchanovsky

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Education

Carnegie Mellon University

Pittsburgh, PA
3.62/4.00 QPA
Expected Graduation: May 2023
Candidate for B.S. Electrical and Computer Engineering
Minor in Computer Science

Los Altos High School

Los Altos, CA
August 2015 - May 2019

Experience

Software Engineering Intern

May 2022 – Present
Meta
Set up error and status logging for general machine learning model processing team.
Wrote and tested object oriented code in Python .
Improved test coverage for machine learning pipelines.

Automation Engineering Intern

May 2021 – December 2021
Nucor Tubular Products
Implemented a new data acquisition system and integrated it with the previous setup.
Executed daily report design and generation projects for several areas of the plant in order to better analyze and improve on past performance.

Project Manager

May 2020 – September 2020
Covid-19 Innovation Project Government Aid Screening Website
Coordinated a team working on a website to be used to screen people for eligibility for government aid, such as SNAP, rental assistance, SSIP, and WIC.

Introductory Python Instructor

July 2020 – August 2020
Codeducate
Oversaw 3 week courses in introductory python.
Led biweekly 2 hour sessions and coordinated outside of class work.

Tutor

August 2020 - Present
Young Tutoring
Mentor students up to high school level.
Formulate lesson plans and homework to specific needs of students and parents.

Leadership

Los Altos Climate Justice Coalition

February 2019 – August 2020
Founder and Event Organizer
Organized citizen activism events and coordinated with local media.

Projects

ZONKED

May 2020 - August 2020
iOS Mobile App
Designed, programmed, and published social icebreaker game as a mobile iOS app.
Implemented features to allow for remote use of the game, to encourage social distancing.

BEZIER CURVE

May 2020
Python Program
Programmed an interactive visualizer for Bezier Curves.

HELPING HANDS

November 2019
Python Program
Created a blueprint for a tool to connect organizations, donors, and people in need and coordinate donation exchanges.
Won "Best Social Impact" category in Hack 112

VR Paint

October 2019 – December 2019
Python Program
Stitched together backgrounds, foregrounds, and midgrounds to create an interactive landscape where the user can change perspective for a sense of virtual reality.

Skills

Programming Languages: Python, C, C0, Swift, SML
Software: Xcode, SystemVerilog, Matlab, Iba Suite