

Ethan Deal

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EDUCATION

Duke Kunshan University & Duke University Dual Degree

Class of 2026

B.S. in Computation and Design; Computer Science (DKU)

Kunshan 昆山, China

B.S. in Interdisciplinary Studies; Computer Science (Duke University)

Durham, NC

Coursework:

- CS 101: Introduction to Computer Science
- CS 201: Programming and Data Structures
- CS 203: Discrete Math for Computer Science
- CS 310: Introduction to Databases
- STATS 101: Applied Statistical Methods
- STATS 202: Modeling and Predicting
- MATH 206: Probability and Statistics
- INFOSCI 102: Computation and Problem Solving
- INFOSCI 103: Computation, Society & Culture

PROFESSIONAL EXPERIENCE

Briya Public Charter School

May - Aug 2024

IT Intern

Washington, DC

- Reset and set up 700+ laptops and provided technical support for faculty and students.
- Installed and configured software updates, troubleshooted domain connection issues with the school's servers.
- Assisted with and improved inventory management systems, handled data management and backups for faculty.

Vintory, LLC

May - Sep 2023

Graphic Designer and Prompt Engineer

Remote

- Built a comprehensive Midjourney prompt library to streamline prompt creation, trained ChatGPT to generate customizable arrays of Midjourney prompts.
- Spearheaded the implementation of generative AI in the design department. Created 30+ custom postcards to be distributed to thousands of potential homeowners, using Midjourney to generate stock photos.
- Branded 100+ postcard templates and landing pages for top vacation rental management firms.

Build Consulting

May 2020 - Dec 2022

Administrative and Digital Support

Washington, DC

- Conducted online research, managed and organized large datasets using spreadsheets, photo manipulation with Photoshop.

PROJECTS

TEDx DKU

February 2024 - Present

Graphic Designer and Web Developer

Kunshan 昆山, China

- Designed and finalized slideshow presentations for multiple TEDx speakers, incorporating generative AI to enhance visuals.
- Designed logos, posters, stickers, banners, and other branded materials for event promotion and outreach.
- Maintained and updated the TEDx DKU website using WordPress and CSS, linked site content to merchandise and marketing.

Personal Website Development

October 2024

ethdeal.github.io

- Designed a responsive personal portfolio website using HTML, CSS, JavaScript, and React JS, implementing complex animations and interactive elements.
- Connected and automatically stored user input into a backend spreadsheet using Google Apps Script.
- Created dynamic galleries using CSS to display and filter through media content and projects.

SKILLS

Programming: Python, Java, R, SQL, HTML, CSS, JavaScript, ReactJS

Design & Media: Photoshop, Lightroom, Premiere Pro, Maya, Unity, WordPress

Tools & Software: Midjourney, ChatGPT

ADDITIONAL INFORMATION

Languages: English (native), Mandarin (fluent), Spanish (beginner)

Certificates: Harvard University - Introduction to the Quantum Mechanics

Awards: Eagle Scout, DC International School Salutatorian, Jubilee Association Volunteer Award, National Merit Commendation

Interests: Digital painting, photo manipulation, generative AI, photography, video editing, piano, guitar, sound design, ultimate frisbee, soccer