

# Donald Huynh

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## **Education:**

**University of Minnesota Twin-Cities, Coll of Continuing & Prof. Studies**      **MPLS, MN**  
Custom Track      **2024 - Present**  
**Dean's List (Spring 2024), Cum GPA: 3.18**

**Coursework:** Applied Machine Learning, Software Eng. I, User Interface & Design, Linear Algebra

## **Working Experience:**

**University of Minnesota, Teaching Assistant** MPLS, MN, 2025 - Present

- Educating and communicating with students on STEM topics.
- Spring 2025: Linear Algebra (CSCI 2033), Comp. Arch. (CSCI/EE 4203/4363)

## Hennepin County, IT Analyst Intern II

MPLS, MN, 2023 - 2024

## Projects:

# Ray Tracer

- Independently developed a ray tracer inspired by Peter Shirley's *Ray Tracing In One Weekend* in C++.

Aegis Voting System Counter

- Led design & development of a system in a team of four using both Waterfall and Agile Scrum methods to process voting systems based on Open Party Listing and Instant Runoff voting systems as described by [fairvote.org](http://fairvote.org) using UML, C++ and GoogleTest framework.

## Drone Delivery System

- Developed a fun and useful drone delivery system in collaboration with multiple teams of four using UML, C++ and unit testing with GoogleTest framework.

## **Technical Knowledge:**

- Languages: Python, C++, C, C#, Java, TypeScript, JavaScript, Ocaml, HTML/CSS, SQL, UML
  - Technology: Git, Node.js, Angular, .NET Core, Visual Studio Code, GNU Make, GNU debugger, Valgrind, GoogleTest
  - Operating Systems: GNU/Linux(Ubuntu, Debian), Windows, macOS

## Other Experience:

- **Get out the Vote Canvassing, Volunteer Canvasser** SAV, GA, 2022  
Brought awareness to the Georgia Runoff Election by individually knocking on over 100 doors. 2018