

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	

University of Minnesota Twin-Cities, Coll of Science & Engineering	MPLS, MN
Bachelor of Science, Computer Science	2018 - 2022

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

Working Experience:

University of Minnesota, Teaching Assistant	MPLS, MN, 2025 - Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Conducted research for technologies currently used in the IT department.• Provided Development work on multiple applications (TypeScript, Angular, .NET core)• Conducted app maintenance and feature development	

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 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:

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- 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:

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| <ul style="list-style-type: none">• 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 |