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
- 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
- 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:

- 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