

DYLAN CHEN

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EDUCATION

Northeastern University, Boston MA

May 2028

Bachelor of Science in Computer Engineering and Computer Science

GPA: 3.4

Coursework: Cornerstone of Engineering 2, Fundamentals of Computer Science 2, Differential Equations and Linear Algebra, Discrete Math, Physics 2, Circuits and Signals, Embedded Design, Fundamentals of Computing

SKILLS

- **Programming Languages:** C++, CSS, GDScript, HTML, Java, JS, Python, Racket
- **Tools and Software:** Adobe, Aseprite, AutoCAD, Blender, Google Suite, Jira, Microsoft, Solidworks

TECHNICAL EXPERIENCE

Remote Support Engineer Internship - Insights Gaming

August - October 2023

- Resolved 50+ technical support tickets within a 3-month period, exceeding customer satisfaction KPI
- Resolved client side technical issues with bug reproduction and diagnosis skills
- Improved Insight's community forum's UI interface and accessibility by collaborating with UI/UX developers to improve client and company technical and community interactions
- Documented user interactions and created 10+ technical guides written in Markdown with organized ticketing via Jira management and document records

PROJECT EXPERIENCE

Color Match Godot Card Game

June 2025 - Present

- Developed a 2D card game themed around color theory and color matching
- Written in GDScript with assets designed using Adobe tools and pixel art designed with Aseprite

Personal Portfolio Website

May - September 2025

- Developed HTML and CSS based web design to showcase personal and academic engineering, photography, digital art, 3D asset modelling, and programming projects
- Implemented vanilla JS powered animation and webeffects with emailJS library integration

Automated Pill Dispenser

January - April 2025

- Led the complete mechanical design and 3D modeling of a functional prototype in SOLIDWORKS, creating a low-cost, modular two-part assembly for easy maintenance and future expansion
- Engineered a 3D printed modular dispensing system, enabling accurate, single-dose dispensing adaptable for any pill shape and contributing to over 85% reduction in medication handling

VOLUNTEER EXPERIENCE

STEM Tutor - Sylvan Learning

June, 2020 - 2023

- Curated science and engineering based curriculum for 20+ K-5 students using LEGO Technic and household chemistry experiments
- Tutored classes of 10+ elementary students basic programming concepts using Scratch

INTERESTS

Photographing wallpapers, Coffee brewing, Building keyboards, clean quads/edge flow, doodles, and noodles