Elias J. Martinez
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Education:

University of Minnesota – Twin Cities   Minneapolis, MN

College of Science and Engineering: Bachelor of Science in **Computer Science**   Expected May 2025

GPA: 3.409

Relevant Coursework:

Introduction to Computing and Programming Concepts, Exploring Computer Science Exercises in Python, Introduction to Algorithms & Data Structures, Special Topics in Computer Science, Calculus I, Calculus II

Professional Experience:

Google Computer Science Summer Institute   *Summer 2022*

Participant

- Participated in a 4-week intensive computer science summer program for high-achieving students
- Completed an introductory project-based HTML/CSS and JavaScript curriculum taught by Google Engineers
- Configured 3 individual coding projects in JavaScript by using concepts such as variables, data types, and functions
- Attended product design, resume development, and software engineering interview workshops
- Delivered a collaborative final project presentation that included a live demonstration to Google employees and community leaders

University of Minnesota – College of Science & Engineering   *May 2022 - Present*

CSE-IT Operations Student Worker

- Performed system software installations, modification and debugging, backup and restored system user files, installed applications, hardware, and software.
- Identified, diagnosed, and fixed system problems, maintained documentation, and provided network assistance and maintenance as required.

Projects:

BattleBoats   *March 2022*

Skills: Java, 2D Arrays, Algorithms, Data Structures

- A probability-based board game that challenges the user to enemy boats hidden on a rectangular grid
- Developed 5 Java classes that interacted with allowed the Game Board and Boats to work together
- Collaborated with a partner, discussed issues in the code, and explained our thought process behind our ideas

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Activities and Student Groups:

Member, Association for Computing Machinery   *February 2022 – Present*

Student Volunteer, Code the Gap   *March 2022- Present*

Member, Society of Hispanic Professional Engineers   *March 2022 – Present*

Accenture Virtual Externship   *May 2022*

Participant

- Participated in learning sessions, networking, engagement activities, and a case competition
- Learned how to implement technology to solve pressing business challenges
- Explored the innovations of security, AI, blockchain, and cloud data

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Skills:

Programming: Python, Java, JavaScript
Web: HTML, CSS, JSON
Tech: Git/GitHub, Linux, VSCode, IntelliJ, Eclipse, MS Office