

# Kaylin Willey

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## Education

University of Massachusetts Dartmouth, Dartmouth, MA..... Expected May 2026

College of Engineering, Honors College

Bachelor of Science in Computer Science

GPA: 3.813

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## Skills

Languages: Java, JavaScript, C, HTML, CSS, Python

Software: Eclipse, Visual Studio Code, Microsoft Office

Operating Systems: Windows, MacOS

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## Work Experience

Object-Oriented Programming Mentor, Dartmouth, MA.....September 2023 - Present  
Mentor

- Assist students during object-oriented programming labs.
- Attend to students who have questions.
- Strengthen students' abilities with Java programming and Eclipse IDE.

Ultra Maritime, Braintree, MA..... June 2024 – Aug 2024 & May 2025 – August 2025

### Materials Intern

- Assisted with planning responsibilities with navigation of Oracle to perform tasks.
- Kept track of parts using spreadsheets containing their relevant information with the use of Excel.
- Inbouded and picked parts in the stock room efficiently.

Engineering Ambassadors, Dartmouth, MA.....January 2023 – May 2025

### Ambassador - Chairman of Communication Affairs

- Worked in teams to create presentations using PowerPoint.
- Presented to students k-12 to inspire them to pursue a field in engineering.
- Advertised and informed others interested in becoming an Engineering Ambassador.

Johnny Macaroni's, East Bridgewater, MA.....September 2021 – January 2024

### Food Runner

- Communicated clearly and effectively with customers.
  - Packaged food according to the order.
  - Processed payments for orders.
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## Projects

BobAI – Interactive LLM Dashboard Project for NUWC.....September 2025 - Present

- Tools Used: Python, CSS, Ollama, Streamlit, Github, Visual Studio Code
- Roles: Team Lead, Lead Front-End Developer

StopHarm – Engineering Design Competition Project at UMass Dartmouth.....January 2025 – May 2025

- Tools Used: JavaScript, Vue, CSS, Ionic, HTML, Github, Visual Studio Code
  - Placed 1<sup>st</sup> in the computer science bracket and 4<sup>th</sup> overall.
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## Extracurriculars

ACM Club, UMass Dartmouth.....March 2023 - Present

### President

- Design, create, and participate in coding challenges and projects.
  - Plan out, advertise, and schedule the agenda for weekly meetings.
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