**Ryan Chang**

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**EDUCATION**

**Northeastern University** (John Martinson Honors College)**,** *Boston, MA* **May 2029**

*Bachelors of Science in Computer Science and Mathematics*

**Hingham High School,** *Hingham, MA* **May 2025**

Math Team Captain, Tennis Team Captain, Chess Club President *GPA: 4.0/4.0*

**WORK EXPERIENCE**

**Hingham Recreation Center,** *Hingham, MA* **June 2023 – August 2025**

*Camp Counselor*

* Supervised and engaged with children in grades 1–8, ensuring a safe, inclusive, and enjoyable environment
* Organized interactive games for 50+ children to effectively promote teamwork and social skill development
* Resolved camper conflicts and consistently reinforced positive behavior strategies

**IBM,** *Hingham, MA* **June 2023 – July 2023**

*Cybersecurity Intern (Virtual)*

* Explored cybersecurity fundamentals including threat modeling, network security architecture, and incident response protocols through intensive, hands-on simulations
* Collaborated in a team to identify 50+ threats and present mitigation strategies using industry-relevant tools

**PROJECTS**

**Northeastern Oasis,** *Boston MA* **|***React, Tailwind CSS, JavaScript, HTML/CSS* **September 2025 - Present**

* Engineered a seamless data pipeline by integrating multiple external APIs to efficiently fetch, process, and store complex nutritional data for user consumption
* Developed responsive, mobile-first UI components using React and Tailwind CSS, collaborating within an agile team to rapidly iterate on features and enhance the overall user experience

**Northeastern Code For Community,** *Boston MA* **|***JavaScript, HTML/CSS* **September 2025 - Present**

* Designed and implemented core functionalities, including dynamic boards, lists, and cards, to accurately simulate a team-based project collaboration workflow environment

**EXTRACURRICULAR EXPERIENCE**

**Hingham High Robotics Team,** *Hingham, MA | Java* **September 2021 - May 2025**

*Code Team Leader*

* Developed and debugged control software for autonomous and remote-controlled robots using Java, managing version control and deployment
* Contributed to competitive strategy and provided troubleshooting support to statewide robotics challenges

**Hingham Food Pantry,** *Hingham, MA* **August 2022 – August 2025**

*Volunteer*

* Managed logistics for the organization, packaging, and weekly distribution of food supplies, ensuring efficient and equitable service for over 100 individuals and families
* Maintained inventory records and managed incoming donations to support continuous pantry operations

**SKILLS**

**Programming Languages:** Python, Java, C, C#, JavaScript, HTML, CSS, React, TypeScript

**Developer Tools:** VS Code, Unity, Git, Numpy, Pandas, Matlab