

Randy Wang

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EDUCATION

University of Michigan

Expected May 2022

Bachelor of Science in Engineering – *Computer Science*

Ann Arbor, MI

Relevant Coursework: *Programming and Data Structures, Accelerated Intro to Programming, Discrete Math, Intro to Engineering: Self Driving Cars & Drones, Multivariable Calculus, General Physics I*

Nashua High School North

Sep 2014 - Jun 2018

GPA - 4.12/4.0, Rank: 4/428 | SAT - 1560 (790 Math, 770 Reading)

Nashua, NH

EXPERIENCE

Brooks Automation – *Software Engineering Intern* - Chelmsford, MA

Jun 2018 - Aug 2018

- Worked on Life Sciences RAD team to build controller software for automated cryo freezers.
- Implemented C# code for new tube picker freezer functionality using MVVM design pattern.
- Tested system for errors and debugged software issues to ensure optimal performance.
- Enhanced and fine-tuned user interface of the Ultra Store Controller for intuitive UX.

Bedford Kumon Center – *Assistant Instructor* - Bedford, NH

Jul 2017 - Mar 2018

- Graded classwork and homework, as well as tutored 20+ students (K-12) in math and reading.
 - Organized/sorted students' worksheets, and recorded scores to content management system.
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ACTIVITIES

Alternate Reality Initiative – *Core Member*

Sep 2018 - Present

- Learn and implement AR/VR technologies using tools such as Oculus Rift and Unity engine.
- Developing horror-themed VR escape room game using Unity and C# for Oculus Rift.

Michigan Hackers – *iOS Team Member*

Jan 2019 - Present

- Learning Swift and Xcode for developing and deploying mobile applications to the App Store.
 - Compete in various events such as MHacks and cybersecurity Capture-the-Flag contests.
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AWARDS

American Computer Science League – *1st Place Northern Senior-3 Division*

Jun 2018

- International series of contests testing theoretical/applied CS concepts and programming skills.
- Placed 1st individually in Northern Senior-3 div. with (39/40) score, overall top 12 in the world.
- Competed in topics including data structures, graph theory, boolean algebra, and LISP.

National AP Scholar

May 2018

- Scored 4+ on 8 exams, including Computer Science A (5), Calculus AB/BC (5), and Statistics (5).

National Merit Scholar

Mar 2018

- Scored in top 1% of PSAT's (1500/1520), achieved finalist status, and won \$2500 scholarship.

Michigan Engineering Scholarship of Honor

Feb 2018

- Awarded \$20,000 annual scholarship from Michigan for outstanding academic achievement.
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SKILLS – C++, C#, Java, Python, Javascript, MATLAB, HTML/CSS, Git