

James A. Kajon

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Career Objective

To obtain a full-time software engineering position that allows me to utilize my degree to create valuable tools in the New York City or Boston area.

Education

Worcester Polytechnic Institute, Worcester, MA

Expected Graduation 2021

Bachelor of Science in Computer Science

In Major GPA: 3.67 / 4.00

- **Relevant Courses:** Software Engineering, Webware, Computer Networks, Operating Systems, Intro to Artificial Intelligence, Machine Learning, Intro Cryptography & Communication Security, Computer Graphics, Algorithms, Human-Computer Interaction, Intro to Robotics, Intro to Digital Circuit Design, Database Systems, Design of Software Systems, Discrete Mathematics, Calculus, Physics, Statistics, Probability
- **Honors:** University Award, Dean's List (Fall 2017, Spring 2018, Spring 2020)
- **ASSISTments Project (August 2020 - March 2021):** Worked in a team of four to grow the “content builder” of ASSISTments, a responsive online educational tool, allowing teachers to create and edit homework problems.
- **Improving the Recognition of Junior Achievement of Armenia Project (March - May 2020):** Worked in a team of four to boost JAA's global recognition by providing a newly designed website, along with a documentation manual, and recommending strategies for social media and alumni engagement.
- **Hospital Kiosk Project (March - April 2019):** Worked as Lead Software Engineer in a team of nine to develop a hospital kiosk application using the Agile programming methodology.
- **Activities:** Battle of the Rockets of the American Institute of Aeronautics & Astronautics, NASA's University Student Launch Initiative, Table Tennis Club (VP), Running Club

Professional Experience

SpellBound: Typosquatting Research, Remote Work - Research Intern

Summer 2020

- Worked with professors L. De Carli and D. Davidson on testing SpellBound, a typosquatting detection tool.
- Developed method for assessing risk of potential malicious npm packages.
- Wrote scripts in Python using npm's API and sequence matcher libraries.
- Analyzed 201 npm packages.

Lee Spring Company, Brooklyn, NY - Web Developer Intern

Summer 2018

- Designed and wrote an internal website.
- Installed security camera system.
- Managed servers and network security.

Lee Spring Company, Brooklyn, NY - I.T. Clerk Intern

Summer 2017

- Built SSRS reports and wrote specialized SQL statements.
- Globally deployed company software.
- Performed helpdesk support and set-up of new workstations.

Computer Camaraderie Corp., Manhattan, NY - Intern

Summer - Fall 2016

MAZii Learning Center, Brooklyn, NY - Intechy

Summer 2015 & 2016

Skills

Languages: Python, Java, C, C++, C#, JavaScript, HTML, CSS, R, SQL, Django, Node.js, Gulp, Spring, Firebase

Software: Git, AWS, Docker, Maven, Arduino, JetBrains IDEs, Eclipse, FileZilla, Postman, SSRS, Microsoft Office