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.

Education

Worcester Polytechnic Institute, Worcester, MA   Expected Graduation 2021
Bachelor of Science in Computer Science   **In Major GPA:** 3.6 / 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, JetBrain IDEs, Eclipse, FileZilla, Postman, SSRS, Microsoft Office