SOFTWARE DEVELOPER
Experienced software engineer with 5+ years of product development experience in broadcast media, editing software, and engineering technologies.

Experience
Software Engineer (09/2019 to Current)
- Created software products for clients, such as Content Manager, Helper, Picon, and Requestor.
- Collaborated with international teams on additional projects and software testing.
- Received Reuse Innovation Award for IP reuse as major factor to Server business unit turnaround.
- Published functional, REST API, and URI specification document.
- Achieved constant UI performance under a few milliseconds regardless of user operation.

Software Developer (06/2018 to 8/2019)
- Designed and implemented mobile applications for video editing products from start to finish in agile software development cycles.
- Formalized application requirements based on client interviews and machine testing.
- Developed metrics dashboard for marketing campaign using Linux, Python, and SQL.
- Created interactive playback architecture for media file reader and writer components.
- Worked on video and audio rendering engines and hardware integration modules with 4+ million lines of code.

Software Engineer Intern (05/2017 to 08/2017)
- Collaborated in team of five to design and create video editing software for post-production.
- Developed projects including media management tools and video effects.
- Utilized Node.js, MongoDB, IBM BlueMix and HTML/CSS in full Stack development.
- Built login and signup pages including user authentication and routing.

Education:
BS: Computer Science (2018) Illinois Institute of Technology Illinois, IL
Relevant coursework: Algorithms and Data Structures, Software Engineering and Design, Operating Systems, Discrete Mathematics, Linear Algebra, Statistics and Probability, Artificial Intelligence

Skills:
Java, Python, JavaScript, HTML, CSS, XML, Git, Unix, C, C++, Swift, SQL, MongoDB