

# Rut Patel

339 King Street North,  
Waterloo, N2L 2Z1

September 24<sup>th</sup> 2017

Dear Hiring Manager,

Please accept this letter and the attached resume as my application for the role of Software Engineering intern. I am currently pursuing my Bachelor's degree in Computer Science and would like to contribute efficiently to Electronic Arts Ltd's Development department by working as a coop student during January – April'2018 for my 3<sup>rd</sup> co-op term. I believe that, with my skills and experience I can bring a lot to the company and I am excited about the prospect.

I am proficient in C++, C, JavaScript, Node.js, PostgreSQL and Python. Most recently, I worked at Autodesk as a Software Developer intern during the Summer'17 term. At Autodesk, I built the first ever Social platform for the world DNA Nanotechnology Community to share their research and designs. I was solely responsible for the most part of the software development life cycle of the project. For the project, I also had to design and implement complex algorithms i.e. Search and filter functionality (must also work efficiently when both are applied together) to search any keyword from all project entries in the PostgreSQL database.

Before Autodesk, I worked at Ericsson for my 1<sup>st</sup> co-op term as a Software Developer intern where I built multiple applications and software for Ericsson's new software releases for their clients. This includes API endpoints implementation which was used to retrieve network usage data of millions of users all around Ontario.

During both of my previous co-op terms, I always came up with the solution ahead of time and communicated efficiently with the team. As the result, I've achieved an "*outstanding*" evaluation in both work terms.

If given a chance, I can prove to be an asset for your company. Please refer to my resume for my full skills matrix and I hope to hear from you soon.

Sincerely,  
Rut Patel