

# Amol Chaudhry

## Software Engineer

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## EDUCATION

Chandigarh College of Engineering and Technology, Panjab University | India

July 2016 to May 2020

Bachelor of Engineering in Electronics and Communication

- Grade: **8.80 CGPA** with **Honours**, Rank: **2<sup>nd</sup>**
- Awards: “Scholarship to Meritorious Students of CCET Chandigarh” thrice (full fee waiver for first 3 years).

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## EXPERIENCE

Quark Software Inc. | India

Software Engineer 1

Sep 2020 to Present

Software Engineer Intern

Jan 2020 to Aug 2020

### Key Responsibilities:

- To add new features and enhance the stability of Quark’s flagship product (QuarkXPress).
- Maintenance and debugging of the C++ codebase.
- Handle localization of QuarkXpress in 21 different languages.

### Achievements:

- Received **Above and Beyond** award for the development of the **Stock Image feature**, which enables the user to drag and drop images from different external sources.
- Implemented **Layout Bleed Lines** feature to improve aesthetics of print layout document, which helped 18,000 users.
- Developed **Embed Image** feature that is used to add and edit high-resolution images.
- Oversaw a team of interns and provided them with the necessary guidance.

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## ACADEMIC PROJECTS

Self-Driving Car, CCET, Panjab University

- Functional model of a car that used sensors and a camera to interact with the environment. It was based on Raspberry Pi and used OpenCV in C++ for image processing. ([github.com/Amol-Chaudhry/self-driving-car](https://github.com/Amol-Chaudhry/self-driving-car))

Quadcopter, CCET, Panjab University

- A quadrotor drone having sensors and a camera. Used Arduino programmed with customized code as the flight controller. ([github.com/Amol-Chaudhry/quadcopter](https://github.com/Amol-Chaudhry/quadcopter))

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## SKILLS

- **Languages:** C++, Objective-C, C, Python, Java, MATLAB.
- **Technologies:** Cocoa on Mac, Win32 API, GDI, GDI+, OpenCV.
- **Web Technologies:** HTML, CSS, JavaScript, TypeScript, Angular.
- **Databases:** MongoDB, SQL.
- **Version Control Systems:** TFVC, Git.
- **Tools:** XCode, Visual Studio, Eclipse, PyCharm, Jupyter Notebook.

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## EXTRA-CURRICULAR

- Represented the college in national-level debating competitions as a member of the literary club and debating society.
- Organized various tree plantation and cleanliness drives.