

# SAHIL GANDHI

## SOFTWARE DEVELOPER

## Objective

A software developer looking for opportunities to develop and apply his programming knowledge. Specializes in Java/C++ frameworks and Android development but willing take on all projects requiring any of his other skills.

## Employment

**Reltio**  
**Software Engineering Intern** Jun/2016 to Aug/2016  
Worked on the company's Master Data Management (MDM) product to tailor it to individual customers' needs:

- Developed and modified features in the API (Java, Cassandra, Elasticsearch), UI (Qooxdoo), and metadata configurations (JSON)
- Found and fixed several major bugs within the product's code base before the next version of the API and UI went live
- Used Git extensively to manage the workflow and simultaneously work on the code with developers from around the world
- Gained a critical understanding of both SaaS and PaaS models of service and how either can be beneficial to a company's future

**SmartMonitor and IntelliVision**  
**Software and Product Development Intern** Jun/2014 to Aug/2014  
Concurrently interned at two companies, splitting my time accordingly to the tasks given:

- Tested SmartMonitor's product, a smart watch for epileptics, and assisted in designing and pitching a new product to other companies
- Designed a prototype device and created a business plan analyzing its potential target market and financial prospects
- Created a website for one of the IntelliVision's products and researched various business opportunities for future expansion
- Tested Intellivision software for accuracy and competency to optimize the customer's experience

## Personal Projects

**REM.my** - <https://github.com/sahilmgandhi/REM.my>

- Created an Android Mobile Application that asks the user for the latest time that they wish to wake up, and appropriately creates an alarm that maximizes their REM (rapid eye motion) sleep
- REM.my helps students or anyone with dynamic sleep schedules to wake up every day refreshed and energized

**Pacman** - <https://github.com/sahilmgandhi/PacmanGame>

- Created a Java and JApplet based game of the classical game, Pacman, and included some personal touches to make the game more interesting, like the special mode, "Freeze", which allows Pacman to freeze some ghosts so that he is not eaten

## Activities

**IEEE at UCLA - Electrical Engineering Organization - Open Project Space Co-Lead** May/2016 to Current  
• Currently teaching more than 100 students about various electrical engineering topics and have designed several projects for them to work on

**Super-mileage Vehicle at UCLA - Racing Organization - Electric Vehicle Hardware Team Member** Sep/2015 to Current  
• Learned about and designed the various systems and components that make up an electric vehicle to compete it in various competitions

**Teen Hackathon - Education Hackathon for Teenagers - VP of Finance** Aug/2014 to Mar/2014  
• Created the costs and budget of the event, contacted sponsors, and helped manage the logistics of the event

**MV DECA - Business Organization - Director of Entrepreneurship** May/2013 to May/2014  
• Taught and managed 90 students in fields like finance and marketing and qualified 20 for the international competition

## Contact

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## Education

**University of California, Los Angeles**  
B.S. Computer Science and Engineering 2019  
3.77/4.00 GPA  
Coursework: Introduction and Advanced C++, Data Structures, Discrete Mathematics

**Monta Vista High School**  
High School Diploma 2015  
3.96/4.00 GPA  
Coursework: AP Computer Science, Java Programming

## Software Skills

Java (5 years)  
HTML (2 years)  
CSS (2 years)  
C++ (1 year)  
Android Development (1 year)  
Arduino (1 year)  
Elasticsearch (3 months)  
Cassandra (3 months)

## Awards

**UCLA Dean of Engineering - Dean's Honor List** Summer/2016  
• Placed on the Dean's Honor List for receiving a GPA of 3.7 or higher for the Fall 2015 and Winter 2016 quarters at UCLA

**AT&T Developer Program - AT&T Hackathon - 1st Place in Teen Category** Oct/2012  
• Created a JQuery app that generates interest in education by displaying a student's grades and connecting them to tutors