

# Nalin Chhibber

SOFTWARE ENGINEER

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## Education

### University of Waterloo

M.MATH. IN COMPUTER SCIENCE

Ontario, Canada

Sept 2017 - Exp. Aug. 2019

### GGS Indraprastha University

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

New Delhi, India

Aug. 2010 - Jul. 2014

## Work Experience

### Software Engineer

COMPRO TECHNOLOGIES

New Delhi, India

Oct. 2014 - Aug. 2017

### Summer Student Intern

CERN, GS-SCIENTIFIC INFORMATION SERVICE

Geneva, Switzerland

June. 2014 - Aug. 2014

### Research Scholar, SPARK

CSIR-FOURTH PARADIGM INSTITUTE

Bangalore, India

Aug. 2013 - Dec. 2013

## Publications

### Crowd Guilds: Worker-led Reputation and Feedback on Crowdsourcing Platforms

ACM CSCW

Oregon USA

Feb. 2017

### Boomerang: Aligning Worker and Requester Incentives on Crowdsourcing Platforms

ACM UIST

Tokyo Japan

Oct. 2016

### Synchronization of Chaos in Multiple Three-Dimensional Chaotic Maps

IEEE ISTMET

Langkawi Malaysia

Aug. 2015

### Enriching the metadata on CDS

CERN DOCUMENT SERVER INTERNAL NOTE

Geneva Switzerland

Aug. 2014

## Projects

- StoryKart: An educational platform to craft and share interactive stories. Includes insanely simple drag-drop interface with script-editor to create awesome stories.
- ComproDLS: A learning ecosystem containing experience-apps to create immersive learning experience. Includes learning analytics, social collaboration, competency based learning with adaptive personalizations.
- Twebbles: Data-centric view of user tweets with beautiful visualizations. Allows generation of uber bubble clouds for user-specific tweets and perform live sentiment analysis of tweets from twitter streaming api.
- ChatJS: A prototype suite of integrated products for rapid communication on web applications. Empowers sales, marketing, and support teams to proactively engage with visitors via live chat.
- Cosmic Shooters: A cross-platform battle-ship game based on HTML5 Canvas which uses real-time bidirectional event-based communication via socket.io to share player positions.
- MarkdownJS: A Markdown parser focused on simplicity and easy extensibility.

## Achievements & Activities

- Stood second in JS13K Games for cosmic-shooters(server category) [Sept 2016].
- Active on Stackoverflow with 6000+ reputation, 25 badges, 5 bounties and among top users for JavaScript.
- Active contributor in various Open Source projects/organizations (Stanford Crowdresearch, KDE, Oppia etc).
- Visited ETH and Google Zurich under the CERN Intern exchange program( 6% Acceptance rate).
- Received a research grant in "Student Program for Advancement in Research Knowledge" at CSIR 4PI.
- Yahoo Summer School Participant at IISC Bangalore [Summer 2013].
- Python FOSSEE TBC Project, student contributor - IIT Bombay [Summer 2013].
- First position in Brainstorm 2k13 - an online treasure hunt with around 4000 participants.
- IEEEExtreme 2k12 Programming event [Team: L33T5. Country Rank - 191, University rank - 1].