

Rahul Goswami

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EDUCATION

NIT UTTARAKHAND

B. TECH. IN COMPUTER SCIENCE

Expected Apr 2020

Cum. GPA: 8.91 / 10.0

LAKES INTERNATIONAL

SEN. SECONDARY

Apr 2016 | Bhimtal, India

Percentage: 91.16 %

SKILLS

LANGUAGES

• C • C++ • Python

Familiar • Go • Java

UTILITIES

• Git VCS

OPERATING SYSTEMS

• Linux • Windows • MacOS

LINKS

Github:// [goswami-rahul](#)

LinkedIn:// [rahul101](#)

Codeforces:// [Rahul](#)

Codechef:// [rahul_g](#)

KEY COURSES

COMPUTER SCIENCE

Data Structures and Program Design

Analysis of Algorithms

Object-Oriented Methodology

Artificial Intelligence

Theory of Computation

Computer Graphics

MATHEMATICS

Probability and Numerical Methods

Linear Algebra

Discrete Mathematics

Topics in Graph Theory

EXPERIENCE

SHIPSY | SOFTWARE ENGINEERING INTERN

August 2019 – December 2019 (Expected) | Gurugram, India

- Added 3 new shipping lines to the back-end and enabled container tracking on them (until present)
- Resolve bugs and ensure smooth running status of the existing shipping lines

IIT ROPAR | RESEARCH INTERN • DEEP LEARNING

May 2018 – July 2018 | Ropar, India

- Implemented deep learning algorithms on human burn images to identify and classify the burn areas.
- Published a paper with PhD candidate Ms. Joohee Chauhan and Dr. Puneet Goyal, at SaMBa: SIPAIM – MICCAI Biomedical Workshop, Granada, Spain.

PROJECTS

ALGORITHMS | PYTHON • OPEN-SOURCE

- Maintain one of the largest collection of algorithms in Python (17,500+ stars on GitHub).

BURNS DIAGNOSIS | DEEP LEARNING

- The model identifies and classifies a burned body part image using deep learning techniques.
- The project was completed as a part of research internship at IIT Ropar.

ALIEN INVASION | PYTHON • SHOOTER GAME

- An interactive shooter game similar to Galaga, using PyGame.
- Object-oriented design and easily customizable.

ACHIEVEMENTS

Mar 2019 1st place in The United States - Google HashCode Quals. 2019

June 2019 Qualified upto Round 3 - Google Code Jam 2019

Mar 2019 Finalist at National coding Hackathon by Johnson and Johnson

Apr 2019 Finalist at National Road Safety team Hackathon by Bosch and IRSC

Present Top-100 in India at CodeForces

Dec 2018 ACM-ICPC – 21st in the online round; 33rd at the onsite round