

## education

**Specialist in Computer Science**, University of Toronto (*Sep 2017 - present*)

4.0 cGPA, Dean's List Scholar (2018), University of Toronto Scholars Award (2017)

**International Baccalaureate Diploma**, Fountainhead School (*Jun 2015 - Jun 2017*)

44/45 points with 7/7 points in every course.

## experience

**Software Engineering Intern, Ad Analytics**, TripAdvisor (*May 2019 - present*)

- Working on harnessing competitive actionable intelligence to maximize return on TV ad spending, including creative performance ranking, wearout modelling, dynamic generation and testing resulting in more informed campaigns.
- Developing tools using machine learning and statistical approaches to support and extend human decision making capabilities, resulting in better measurement, anomaly detection, awareness and utilization of resources.

**Software Engineering Intern, Business Intelligence**, Lemon Technologies (*May 2018 - Aug 2018*)

- Implemented data-driven diamond pricing and inventory optimization models for standardization and fraud prevention resulting in 25% improvement on existing practices.
- Developed an event management portal with over 1000 active users and 800 processed payments, with several iterations of usability testing and improvements. Achieved more consistency compared to previous website models.

**Publications Team Lead**, Canadian Conference on Student Leadership (*Dec 2017 - Dec 2018*)

- Led the brand design of a national leadership conference at various digital platforms with accessible and engaging content to support and encourages all students for professional growth, reaching over 1000 users a month.
- Collaborated with other team leads and guided a team of volunteers with deadlines, follow-ups, regular meetings, clear deliverables and an environment to allow sharing of ideas.

## clubs & teams

**LearnAI**, Undergraduate AI Group (*Apr 2019 - present*)

Developing a student-run course for 1st and 2nd students to get early exposure to AI which is otherwise predominantly a third and fourth year field, to help them find their passions and keep up with the pace of growth in the field.

**Lights And Signs**, Autodriving Team (*Feb 2019 - present*)

Working with computer vision for light recognition and image augmentation for autonomous cars achieving 95% accuracy.

**Image Processing**, Aerospace Team (*Nov 2018 - present*)

Developed computer vision pipeline to process and synthetically test drone images to detect small, sometimes camouflaged markers in the scene for AUVSI competition with 100% recall and 80% precision.

**Information Design**, Innovation Hub (*Oct 2017 - Feb 2018*)

Conducted user research of student life divisions to identify pain-points of existing methods and develop a more transparent, consolidated and accessible programs and services database, helping them serve students better.

## projects

**The Fizz Way**, Physics Education Site (*Dec 2016*)

Identified the vacuum of quality physics instruction and developed a student-run site to help, reaching over 100 students internationally with 400+ facebook likes. [[thefizzway.github.io](https://thefizzway.github.io)]

**Code Cakes**, Computer Science Education Effort (*Dec 2015*)

Made an effort to spread the joy and skills of computer science to empower students from underprivileged communities from a village near school to learn the skill of the future by building fun games (or "code cakes").

My education blog can be found on [medium.com/@vnjogani](https://medium.com/@vnjogani), and [vinitjogani.github.io](https://vinitjogani.github.io) exhibits more of my software projects.