Nathan Kim

Toronto, Canada | (+1)-647-467-8434 | nathangk@stanford.edu | nathankim7.github.io

EDUCATION

Stanford University   **Stanford, CA**
Undeclared Undergraduate Degree   *Expected June 2024*
Co-curricular involvement: Stanford Quiz Bowl, Stanford ACMLab, KZSU 90.1 FM

University of Toronto Schools   **Toronto, Ontario**
Ontario Secondary School Diploma   *September 2015—June 2020*
Co-curricular involvement: UTS Linguistics, OSCC Classics Contingent, Stage Band,
UTS Reach For The Top

WORK EXPERIENCE

Centre for Global Health Research   **July 2019**
Student Intern
- Wrote + maintained internal software packages in R to process mortality data for ongoing research on causes of death
- Created statistical analyses and visualizations of traffic accident data in Tamil Nadu, India as independent research

PROJECTS & VOLUNTEER WORK

Armol   **September 2019—**
Creator/Co-founder/Lead Developer
- Developed an application using React Native which constructs models of molecular structures from user-input molecule names and displays the result in AR
- Created a server-side script to query user-input molecule name in PubChem and construct a 3D representation in Blender to be displayed in AR
- Designed a flush, modern frontend UI using the Tachyons CSS library

Constituency Office for the Honorable Chrystia Freeland   **August 2017—September 2017**
Student Volunteer
- Organized correspondence between office and community leaders for a variety of events
- Categorized constituents' interests using office database
- Produced graphics for initiatives run by the office

SKILLS & AWARDS
Skills:
- Frontend web development: HTML, CSS, React.js, Vue.js
- Backend web development: Flask, Node.js, MongoDB
- Data Science/Machine Learning: Pytorch, Keras, Pandas, R
- Competitive Programming: C++, Java

Awards:
- Silver Medalist, 2019 International Linguistics Olympiad
- Provincial Finalist, 2019 Canadian Chemistry Contest
- Winner, 2018 CAC National Latin Sight Translation Competition
- Student Honour Roll, 2018 Canadian Computing Competition

INTERESTS
Natural Language Processing, Synthetic Chemistry, Oto-Manguean Languages, Trivia Tournaments, Jazz Percussion, Short Fiction.