

Nathan Kim

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EDUCATION

Stanford University

Undeclared Undergraduate Degree

GPA: 3.92, Co-curricular involvement: Stanford Quiz Bowl, KZSU 90.1 FM, Stanford Data & Mapping Society

Stanford, CA

Expected June 2024

University of Toronto Schools

Ontario Secondary School Diploma

Co-curricular involvement: UTS Linguistics, OSCC Classics Contingent, Stage Band, UTS Reach for the Top

Toronto, ON

September 2015—June 2020

RESEARCH

GLARE: Generative Language Models for Textual Adversarial Attacks

Nathan Kim, Ryan Chi, Ethan Chi

In Preparation

WORK EXPERIENCE

Centre for Global Health Research

Student Intern

July 2019

- Wrote + maintained internal software packages in R to process mortality data of over 1 million people 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

KZSU Stanford 90.1 FM

Web Developer, News Editor

October 2020—

- Edited audio recordings of online events at Stanford to be aired on the weekly hour-long segment *This Week on Campus*
- Developing modern web interface for KZSU News department at kzsu.stanford.edu/news featuring Twitter feeds & broadcast schedule widgets backed by a PostgreSQL database and served on Flask

North American Computational Linguistics Open Competition (NACLO)

Organizing Committee Member

October 2020—

- Reviewed & edited problems for the NACLO Open Round, taken by ~1400 students across the US and Canada annually
- Created YouTube walkthroughs of past problems to engage students with the content and form of NACLO problems

Armol

Creator/Co-founder/Lead Developer

September 2019—

- Developed an application using React Native which constructs models of molecular structures from user-input molecule names and displays the result in AR; published on the Google Play Store
- 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

SKILLS & INTERESTS

Skills:

- Frontend web development: HTML, CSS, React.js, Vue.js, Flask, Node.js
- Data Science/Machine Learning: Pytorch, Keras, Pandas, R
- Mobile Development: Java, React Native

Awards:

- Silver Medalist, 2019 International Linguistics Olympiad
- Winner, 2018 CAC National Latin Sight Translation Competition
- Student Honour Roll, 2018 Canadian Computing Competition