

Kevin Meng

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EDUCATION

- **Massachusetts Institute of Technology** Cambridge, MA
S.B. Computer Science, Minor in Mathematics 2020 – 2024
 - **Selected Coursework:** Algorithms, Machine Learning, Signal Processing, Linear Algebra, Multivariable Calculus (w/ Theory), Discrete Math (Proofs-Based), Physics E&M (w/ Theory)
 - **Activities & Societies:** Artificial Intelligence @ MIT Board Member, MIT THINK Committee, TechX DevOps, Discover Entrepreneurship & Leadership

EXPERIENCE

- **NVIDIA Corporation** Santa Clara, CA
Incoming Machine Learning R&D Intern Jun 2021 – Aug 2021
- **MIT Computer Science and Artificial Intelligence Laboratory** Cambridge, MA
Undergraduate Research Assistant Aug 2020 – Present
 - **Rewriting GPT-2:** Working on new algorithms for simple yet effective few-shot interventions on deep language modeling architectures with David Bau (CSAIL), Professor Yonatan Belinkov (Technion), and Professor Antonio Torralba (CSAIL). Concerns the interpretability and controllability of neural networks.
- **UT Arlington Innovative Database Intelligence Laboratory** Arlington, TX
Research Assistant Jun 2018 – Present
 - **NLP Claim-Spotting:** Developed a novel claim-spotting architecture and training algorithm in collaboration with 5 graduate students and Prof. Chengkai Li. Integrated model into ClaimBuster, a system used by thousands of fact-checkers and researchers worldwide. First-author paper under peer review.
 - **COVID-19 Misinformation:** Contributed to an NLP-powered dashboard that tracks the spread of misinformation regarding COVID-19, as well as case counts. Second-author demo paper under peer review.
 - **Credible Open Knowledge Network:** Built a Chrome Extension that uses state-of-the-art claim matching to debunk viral misinformation. Part of a collaboration involving dozens of leading domain experts.
- **Association for Young Scientists and Innovators** Plano, TX
Founder & President Jun 2019 – Sep 2020
 - **Year-Round Mentorship:** Developed novel science fair and research mentorship program; grew club to 50 members who won a collective 101 int'l, national, state, and regional awards during a COVID-shortened season.
 - **2020 Summer Coding Institute:** Served as founding director for an online programming camp featuring 220 students and 40 teaching staff from across North America. Led writing of curriculum and managed logistics for a collective 4,800 hours in lectures, 360 hours in tutoring sessions. Raised \$18,000 for operations and donations.

SELECTED AWARDS & HONORS

- **Intel International Science & Engineering Fair:** Best in Category (Top 22 of 7,000,000 competitors), 2x Grand Award, 7x Special Award Winner. Cumulative \$27,000 won. Minor planet namesake awarded by MIT Lincoln Labs.
- **2020 Coca-Cola Scholar:** \$20,000 scholarship awarded to 150 students in the United States (100,000 applicants).
- **2020 ACM Cutler-Bell Prize Winner:** \$10,000 scholarship awarded to 4 students in the United States.
- **HackMIT Grand Prize & DRW Winner:** \$4,000 cash prize, 4 Oculus Rift headsets (#1 Team of 2,000 students).
- **Davidson Fellow:** Named as an Honorable Mention recipient.
- **4x President's Volunteer Service Award:** Gold in 2017; Silver in 2018, 2019, 2020.
- **4x Texas All-State Bassist:** 3x Symphony Orchestra (Top 150 of 70,000 auditioners); ranked 3rd in '19. Performed *Eine Alpensinfonie* (Strauss), *Rite of Spring* (Stravinsky), *Scheherazade* (R-Korsakov), *Symphony #10* (Shostakovich).

SKILLS & INTERESTS

- **Languages:** Python, Javascript, C++, Java, HTML/CSS, L^AT_EX, Bash, VBA, C# (Intro), Swift (Intro)
- **Technologies:** ML/DL (PyTorch, TensorFlow), Web Dev (MERN, Flask), Mobile Dev (Android Studio, iOS)
- **Tools:** MATLAB, IBM SPSS, Git, Vim, Unity3D, Premiere Pro, AutoDesk, Mathematica
- **Technical Fields:** Computer Vision, Natural Language Processing, Non-Optical Imaging, Comp. Biology, Algorithms
- **Public Speaking:** Given 17 talks/presentations at venues including NVIDIA, AAI, IEEE, NSA, 7-Eleven R&D Labs