NOAH M. KENNEY

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https://www.NoahKenney.com

EDUCATION

M.E. in Engineering Management — Aug, 2024
University of Colorado Boulder

B.S. in Economics — Aug, 2024
with certificate in Public Policy
Georgia Institute of Technology

RESEARCH EXPERIENCE

DISRUPTIVE AI LAB — Apr, 2022-Present (Remote)
President & Research Lead

- Lead research team developing targeted AI drug treatments for myopia (nearsightedness)
- Organize and speak at events for AI development and safety, reaching over 4,000 people
- Lead research team in development of artificial neural networks to model human consciousness using AI and cognitive mirroring
- Lead the Ethical AI Forum global think tank to develop AI industry frameworks and standards
- First author of Global Artificial Intelligence Framework (GAIF), a comprehensive framework for safe AI development & deployment

GEORGIA INSTITUTE OF TECHNOLOGY — Aug, 2023-Dec, 2023 (Atlanta, GA)
Researcher, Professor Annie Antón

- Developed curriculum & assignments for Professor Annie Antón's new AI privacy engineering course
- Created lectures covering anonymization, pseudonymization, and dataset minimization

GEORGIA INSTITUTE OF TECHNOLOGY — Aug, 2023-Present (Atlanta, GA)
AI Researcher

- Developed IOS application to diagnose pneumonia from a chest x-ray in 1 second with 95% accuracy
- Augmented and classified dataset of 11,000 chest x-rays from the National Institute of Health (NIH)
- Received grant from Georgia Tech's Create-X program to pursue further development and commercialization of the AI application under guidance of Dr. Peter Meenan

TEACHING EXPERIENCE

GEORGIA INSTITUTE OF TECHNOLOGY — Jan, 2024-Present (Atlanta, GA)
Head Teaching Assistant (AI Privacy Engineering)

- Develop and present lectures for CS 4803/8803 (AI Privacy Engineering) course covering AI, differential privacy, k-anonymity, de-identification, and computational mathematics for privacy
- Lead development of assignments, simulations, and grading criteria to promote student learning

GEORGIA INSTITUTE OF TECHNOLOGY — Aug, 2023-Dec, 2023 (Atlanta, GA)
Teaching Assistant (Privacy, Technology, Policy, Law)

- Facilitated regular office hours for the CS 4726/6726 (Privacy, Technology, Policy, Law) course, with approximately 100 undergraduate and graduate students
- Graded student assignments and projects, which focus on data privacy in AI systems

WORK EXPERIENCE

VISIONARY TECH SOLUTIONS
Jan, 2024-Present (Remote)

Serve clients in the following fractional roles:

- **Director of Technology** at Habitat for Humanity NCG
- **Chief Technology Officer (CTO) & Head of Engineering** at Scopio AI

DIGITAL 520
Aug, 2017-Dec, 2023 (Remote)

Founder and Lead Developer

- Led company to successful acquisition in December, 2023
- Grew business to approximate revenue run rate of $1.4M/year ($1.15M/year profit)
- Managed team of 10 developers, IT experts, visual designers, and marketers
- Developed websites, web software, and digital ad campaigns for domestic and international clients that have been seen/used by over 3 million people
- Consulted with approximately 40 established businesses and startups to improve IT operations
- Provided IT and marketing services helping clients raise over $2 billion in capital

THINK MULTIFAMILY
Dec, 2020-Dec, 2023 (Remote)

IT Administrator

- Migrated hosting accounts for company websites and restructured codebase, improving site loading speed by nearly 70%
- Developed automations using Active Campaign, Zapier, open APIs, and custom code
- Maintained company websites including a membership site with 200+ members and a website with approximately 14,000 monthly pageviews, as well as general IT infrastructure
- Developed visual dashboard displaying real time business metrics for executives using Google's Looker Studio

WOODLANDS CAMP
Aug, 2022 - Dec, 2022 (Cleveland, GA)

Intern

- Assisted in camp administration and operations for up to 500 campers
- Provided hospitality, food service, and facility upkeep on Guest Services Team

THINK MULTIFAMILY
Aug, 2017 - Dec, 2020 (Remote)

IT Intern

- Setup and ran over $60,000 in digital advertisements on Facebook and Google
- Ran Search Engine Optimization (SEO) campaign to increase website traffic 200%
- Developed Artificial Intelligence chatbot capable of answering over 100,000 user questions
- Performed routine web updates to plug-ins, themes, and WordPress core
- Updated website backend (code/database simplification and update to PHP 7.0)

HIGHLANDS
May, 2017 - Aug, 2017 (Cumming, GA)

Summer Creative Intern

- Provided in-studio and on-premises cinematography, photography, audio engineering, video editing, and digital marketing
- Planned logistics and implemented digital strategy for various special events

OTHER EXPERIENCE & AWARDS

- Host of 'Building the Future with AI' podcast (3,300+ listeners)
- Host of 'State of AI' virtual events (average of 550 registrants per event)
- Guest writer on blogs, newsletters, and publications covering AI and data privacy
- Interviewee on various podcasts and webinars, emphasizing AI and data privacy

- Competitor in 2023 ImpactHack technology + policy hackathon
- Recipient of Zell Miller full tuition + fees merit scholarship

WHITE PAPERS

Listed in reverse chronological order.

- N. Kenney, "Privacy Impact Assessment: ChatGPT 4.0," Dec. 2023, doi: 10.5281/zenodo.10425500.

- N. Kenney and M. Syzdykov, "Artificial General Intelligence – Safe Development, Deployment, and Use (Global Artificial Intelligence Framework)," Sept. 2023, doi: 10.5281/zenodo.8336605.

- N. Kenney and M. Syzdykov, "Analysis of Machine Learning and Computer Vision Emphasizing Unified Ant Colony Optimization," Sept. 2023, doi: 10.5281/zenodo.8332987.

- N. Kenney, "Life vs. Intelligence – A Brief Comparative Study of Biological and Silicon Stacks in the AI Era," Sept. 2023, doi: 10.5281/zenodo.8332681

- N. Kenney, "A Brief Analysis of the Architecture, Limitations, and Impacts of ChatGPT," Mar. 2023, doi: 10.5281/zenodo.7762245.

- N. Kenney, "Differentially Private Data and Data De-Identification," Mar. 2023, doi: 10.5281/zenodo.7739224.

- N. Kenney, "An Analysis of Triangulation in Geometrically Noisy Environments Using Mathematics," Feb. 2023, doi: 10.5281/zenodo.7672080.

- N. Kenney, "An Analysis of the Increasing Processing Power of Modern Microprocessors," Dec. 2022, doi: 10.5281/zenodo.7747642.

UNIVERSITY CERTIFICATIONS & COURSEWORK (PARTIAL LIST)

Northeastern University
- *Data Privacy Fundamentals (Issued 2023)*

Korea Advanced Institute of Science and Technology
- *AI Materials (Issued 2023)*

Johns Hopkins University
- *Healthcare Data Security, Privacy, and Compliance (Issued 2023)*

European Institute of Innovation and Technology
- *Privacy in Europe (Issued 2023)*
- *Privacy in the Western World (Issued 2023)*

Politecnico di Milano
- *AI & Law (Issued 2023)*
- *Trustworthy AI for Healthcare Management (Issued 2023)*
- *Artificial Intelligence and legal issues (Issued 2023)*

Lund University
- *Ethics of Artificial Intelligence (Issued 2023)*

University of California, Irvine
- *The Nature of Data and Relational Database Design (Issued 2023)*

University of Maryland
- *A Strategic Approach to Cybersecurity (Issued 2023)*
- *Legal Contracts and Agreements for Entrepreneurs (Issued 2023)*

University of Colorado Boulder
- *Agile Project Management (Issued 2023, with honors)*
- *Project Management: Foundations and Initiation (Issued 2023, with honors)*
- *Project Planning and Execution (Issued 2023)*
- *Communication as a Technical Leader (Issued 2023)*
- *Technical Managerial Written Skills (Issued 2023)*
- *Product Cost and Investment Cash Flow Analysis (Issued 2023)*

University of London
- *Fundamentals of Marketing Strategy (Issued 2023)*

UC Irvine
- *Identifying, Attracting, and Growing Your Digital Audience (Issued 2023)*

ADDITIONAL CERTIFICATIONS

Microsoft
- *Introduction to Computers and Operating Systems and Security (Issued 2023)*

SPEAKING ENGAGEMENTS & MEDIA (PARTIAL LIST)

- *Differential Privacy and Mathematical Approaches to Applied Data Privacy*
  Guest Lecture at Georgia Institute of Technology (2024)

- *Risks and Harms Posed by PII and Quasi-Identifiers*
  Guest Lecture at Georgia Institute of Technology (2024)

- *State of AI - Business Uses, Trends, Harms, and Predictions*
  Keynote Speaker at Ethical AI Forum Event (2024)

- *Challenges and Approaches to Technology Regulation*
  Guest Lecture at Georgia Institute of Technology (2024)

- *The Role of AI in Marketing*
  Keynote Speaker for Virtual Webinar (2023)

- *Bring More Traffic to Your Brand*
  Podcast Guest on The Source CRE Podcast (2023)

SERVICE

Past or current volunteer with the following organizations:
- *Local Church (production team)*
- *Browns Bridge Church (production team)*
- *Woodlands Camp (food service and retail operations)*
- *Safe Haven Children's Home (IT services)*
- *Zoya USA (IT and marketing services)*

Provide pro-bono tutoring services in:
- *ACT/SAT prep*
- *Computer & Data Science*
- *Mathematics & Statistics*

- Science (Chemistry and Physics)
- Econometrics

Creator of ACT prep course
- Over 1200 viewers

TECHNICAL STRENGTHS

Computer Languages	Python, C++, Java, HTML, CSS, JavaScript
Software & Tools	LaTeX, Excel, Zapier, Terminal
Analytics & Data Tools	Google Analytics, Looker Studio, R programming
Engineering	3D printing (G-code), CAD design, Autodesk