Joo Yong Daniel Chung

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EDUCATION

Emory University School of Law   **May 2028**
Candidate for Juris Doctor   GPA: 4.00/4.00
- 1L Representative of Non-Traditional Law Students Association

University of Illinois at Urbana-Champaign (UIUC)   **May 2021**
Bachelor of Science in Computer Engineering - Highest Honors   GPA: 3.82/4.00
Bachelor of Science in Statistics - Highest Distinction
Minor in Computational Science
- *Resident Advisor* for Upper-Graduate Housing, *President* of ECE (Electrical & Computer Engineering) Student Government, *President* of Engineering Outreach Society
- James Scholar Honors, IEEE Eta Kappa Nu (HKN) Honors Society, Certificate in Data Science, Jules D. Falzer Memorial Scholarship, Sargent and Lundy Engineering Scholarship, TechnipFMC Scholarship

WORK EXPERIENCE

Marshall Gerstein & Borun   **Chicago, IL**
Technical Specialist / Patent Agent   February 2024 - Current
- Drafted over 20+ patent applications of different inventions in various domains including Cryptography, Generative Artificial Intelligence, Virtual Reality, Blockchain, Databases, and Autonomous Vehicles
- Conducted 10+ interviews with patent examiners to discuss rejections raised in the Office Actions, assess the legal and technical arguments, and to evaluate different strategies for overcoming those rejections
- Filed responses to 20+ Non-Final and Final Office Actions addressing rejections under 35 U.S.C. 101, 102, 103, and 112 received from the USPTO, resulting in the allowance of 10+ applications
- Performed detailed patentability searches to assess whether inventions were eligible for patent protection by analyzing relevant prior art, including patents and publications disclosing similar technologies

Kilpatrick Townsend & Stockton   **San Francisco, CA**
Patent Engineer   August 2021 - March 2023
- Participated in over 25+ invention disclosure meetings with clients to identify patentable inventive concepts from their inventions and provide legal advice on drafting and filing patent applications
- Drafted over 25+ patent applications based on the inventive concepts drawn with inventors, covering a range of engineering topics, including claims, background, detailed explanations of the inventions, etc.
- Composed over 20+ instructional letters and recommendations to foreign law associates, providing amendments to claims and arguments for the amendments to overcome foreign office actions

Raytheon Missile System   **Tucson, AZ**
Software and Electrical Engineering Intern   May 2019 - August 2019
- Registered 10+ new circuit component models in C++ in the circuit software with inputs (e.g., max/min voltage) given in the component datasheets, resulting in 15% increase in simulation speed
- Developed over 10+ reuse design blocks in C++ that are commonly used in circuit schematic design, leading to reduction in the cycle time of building new circuits and prevent duplication of work
- Analyzed the newly redesigned amplifier circuits for Evolved SeaSparrow Missile (ESSM) to identify schematic mistakes in the design and created general block diagrams for technical design reviews

ADDITIONALS
- **Programming Languages:** Python, R, C++, C, SQL, Mongo-DB, JSX, Javascript, HTML, CSS, Java
- Fluent in **Korean**; Volunteer experiences teaching Korean in Korean Learning Schools
- Born and raised in Chicago; Passionate Chicago Bulls and Bears fan;
- Developed a Variety of Software Engineering Projects, which can be found in my website