

# Joo Yong Daniel Chung

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## EDUCATION

### Emory University School of Law

May 2028

*Candidate for Juris Doctor*

GPA: Expected January 2026

- Activities: *IL Representative*, Non-Traditional Law Students Association; *Member*, Asian Pacific American Law Students Association; *Member*, Emory Law Intellectual Property Society

### 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*

- Activities: *Resident Advisor*, Upper-Graduate Housing; *President*, Electrical & Computer Engineering Student Government; *President*, Engineering Outreach Society
- Honors and Scholarships: James Scholar Honors, IEEE Eta Kappa Nu (HKN) Honors Society, 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 Office Actions, assessed the legal and technical arguments, and evaluated 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, and detailed explanations of the inventions
- 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 a 15% increase in simulation speed
- Developed over 10+ reuse design blocks in C++ that are commonly used in circuit schematic design, leading to a reduction in the cycle time of building new circuits and preventing the 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

## ADDITIONAL INFORMATION

- **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
- Passionate Chicago Bulls and Bears fan—seasoned in loyalty, patience, and long-term rebuilding
- A portfolio of patent applications and software engineering projects I developed is available at <https://dchung1940.github.io>