

Gyeonghwan(Dennis) Do

• 917-887-1991 • dennisnasa@gmail.com • linkedin.com/in/dennis-do-coding • github.com/DennisD0

EDUCATION

CUNY Queens College: B.A. Computer Science

Expected Graduation: May 2026

Relevant Coursework: Intro to Algorithmic Problem Solving in C++, Data Structures and Algorithms, Object Oriented Programming in Java and C++, Discrete Mathematics, Computer Organization and Assembly Language, Calculus I and II, Codepath Web 101

Awards and Certifications: Dean's List 2022, [CodePath Certificate](#), [Externship Certificate](#), [Forage J.P. Morgan SWE Certificate](#)

PROFESSIONAL EXPERIENCE

Intel July 2024 - Present
Student Ambassador Remote

• Selected as an Intel Student Ambassador to **organize AI workshops, promote Intel tools, and develop projects using Intel technologies**

HeadStarter AI July 2024 - Present
Software Engineering Fellowship Remote

• Accepted into HeadStarter AI's Software Engineering Fellowship, **developing five AI projects in 7 weeks** with goals of 1,000 accounts or \$1,000 in revenue

CodePath July 2024 - Present
Tech Fellow Remote

• Selected as a CodePath Tech Fellow for Fall 2024, **assisting with teaching HTML, CSS, and JavaScript**, supporting the 10-week course, and promoting CodePath on campus

Datadog June 2024
DataPUPS: Preparing Undergrad Programmers for Success New York Times, New York

• Selected as **one of 20** from hundreds of applicants; **developed skills with Datadog engineers**, networked, experienced intern life, and joined team activities

Extern May 2024 - June 2024
Webacy Web3 Security Data Analyst Remote

• Profiled risks with unsupervised **machine learning for cluster analysis**, identifying patterns in smart contracts.
• **Leveraged Python and Google Colab** for detailed data analysis and visualization, uncovering insights into smart contract vulnerabilities
• Conducted **frequency and correlation analysis** of risk tags, pinpointing key vulnerabilities and their associations

Research Foundation of City University of New York July 2023 - September 2023
Software Engineer Intern Financial District, New York

• Orchestrated the **management of a NoSQL database** dedicated to small startup grants, optimizing data accessibility and integrity
• Implemented JavaScript automation to enhance database functionality, **resulting in a 15% increase in data retrieval speed and accuracy**
• Attained an **80% client retention rate** by ensuring precise data delivery to the marketing team, empowering targeted strategies and initiatives

PROJECTS

Room Planner VR | *Unity, C#* March 2024 - July 2024

ALPFA Northeast Regional VR Developer Bootcamp

• Completed an **8-week boot camp on Unity VR development**, designing apps with XR Grab Interactable and XR Virtual Machine for dynamic furniture placement
• Integrated third-party 3D assets and **optimized controls using C# scripting and Unity's XR framework** for immersive VR experiences

EmpathiRead | *React.js, TypeScript, Node.js, HTML, CSS, Python, OpenAI API, Hugging Face, Git* June 2024

University of California Berkeley AI Hackathon

• Developed EmpathiRead, a Chrome extension enhancing web accessibility **using NLP models from Hugging Face and OpenAI**
• Implemented **frontend with React.js, HTML, and CSS**; applied custom CSS injections for accessibility

GreenIQ | *React.js, HTML, CSS, Firebase, Figma* January 2024

Columbia University ADI DevFest 2024

• Directed a 4-member team, **leveraging Figma to design detailed wireframes**, significantly improving project visualization and workflow.
• Utilized React.js to implement dynamic user interface features, **integrating a login system with validation checks and real-time leaderboard functionality**

LEADERSHIP EXPERIENCE

ALPFA (Association of Latino Professionals For America) August 2023 - Present
Digital Communications Coordinator Flushing, New York

• Enhanced club outreach to Queens College students through a Discord network and organized **10+ office visit tours, resulting in 10+ interview acceptances**
• Received a **scholarship to the ALPFA Convention 2024**, acknowledged by ALPFA Queens College, and engaged with the broader national ALPFA community

ISACA (Information Systems Audit and Control Association) July 2023 - Present
Social Media Coordinator Flushing, New York

• Led recruitment for **100+ student enrollments and formed 10+ teams in the ISACA Cybersecurity Case Study**, collaborating with 5 Computer Science clubs

TECHNICAL SKILLS

Languages: C++, Java, C#, HTML, CSS, JavaScript

Software: React, Git, Figma, Google Colab, Google Apps Script, Unity, Github, Google Sheets