CLARK JASON NGO

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ACADEMIC HISTORY

City University of Seattle – Seattle, WA   **Dec 2025**
- Master of Business and Administration (GPA 3.9)

City University of Seattle – Seattle, WA   **Mar 2020**
- Master of Science in Computer Science (GPA 3.9) Graduated with President's Honor

De La Salle University – Manila, Philippines   **Apr 2011**
- Bachelor of Science in Commerce, Major in Management of Financial Institutions

Chiang Kai Shek College – Manila, Philippines   **Jun 2007**
- Highschool Diploma – English, Filipino/Tagalog, Hokkien, Mandarin Taiwan and China curriculum

CERTIFICATIONS

AWS Cloud Practitioner	**Dec 2020 – Dec 2023**
CompTIA Linux+ Certified	**Apr 2020 – Apr 2023**
The Firehose Project (Software Engineering) – San Francisco, CA	**2019**
Berklee College of Music (Ableton Specialist) – Boston, MA	**2016**

JOURNAL PUBLICATION

Ngo, C., Chang, J., & Chung, S. (2023). Decreasing the Barrier to Entry for an Open-Source Full-Stack Web Development. *ISCAP Conference*.

PROCEEDINGS

Ngo, C., & Chung, S. (2024). Enterprise AI Course: Cloud-Based Full-Stack DevSecOps with Retrieval-Augmented Generation. *UKC 2024 Conference,* 238.

Ngo, C., Wang, P., Tran, T., & Chung, S. (2020). Serverless Computing Architecture Security and Quality Analysis for Back-end Development. *Journal of The Colloquium for Information Systems Security Education, 7* (1), 44.

CONFERENCE PRESENTATION

Ngo, C., & Chung, S. (2024). Enterprise AI Course: Cloud-Based Full-Stack DevSecOps with Retrieval-Augmented Generation. *UKC 2024 Conference,* 238.
- Presented at UKC 2024 in San Francisco, CA, from August 21 to 24, 2024

Ngo, C., Wang, P., Tran, T., & Chung, S. (2020). Serverless Computing Architecture Security and Quality Analysis for Back-end Development. *Journal of The Colloquium for Information Systems Security Education, 7* (1), 44.
- Presented at the 5th International Conference on Accounting and Finance (ICOAF-2019). This conference occurred on July 13-14, 2019, at the Grand Tourane Hotel in Da Nang City, Vietnam.

Chung, S., Wang, P., Ngo, C., Tran, T., & Truong, T. (2019). Crossing the Chasm between FinTech and Finance Professionals: A Grounded Analysis of Blockchain and Cloud Technology for Future FinTech Information Systems. *The 5th International Conference on Accounting and Finance (ICOAF)*.
- Presented the paper at CISSE 2019 at Las Vegas, Nevada and achieved a significant milestone as the first student-track presentation for the School of Technology & Computing at City University of Seattle.

WORKSHOPS CONDUCTED

Workshop Instructor: Mobile Full Stack Development - City University of Seattle, *Seattle, WA*   **2025**
Workshop Instructor: Full Stack Development - City University of Seattle, *Seattle, WA*   **2025**

Workshop Instructor: AI Engineer Quickstart: Get Up and Running Fast - City University of Seattle, *Seattle, WA*   **2024**
- Delivered a two-day workshop focused on advanced AI concepts, including Retrieval-Augmented Generation (RAG) and its importance in improving large language model responses.
- Explained foundational challenges of LLMs, emphasizing the value of accurate, current, and reliable information retrieval to enhance user trust and interaction quality.
- Provided hands-on guidance on implementing RAG workflows and compared approaches like fine-tuning and MLOps integration for AI applications.
  Designed practical examples, including a movie search and recommender app, to demonstrate key concepts like cosine similarity, vectorization, and API integration.
- Taught participants how to interact with modern LLMs using FastAPI and Ollama servers, decoding streaming responses for real-time applications. Created and shared resources to encourage continued learning, including GitHub repositories for workshop materials and projects.

Workshop Instructor: Data Structures and Algorithms with Python - City University of Seattle, *Seattle, WA*   **Mar 2019**
- Designed and delivered an engaging workshop on data structures and algorithms, using Python to illustrate key concepts.
- Taught foundational and advanced topics, including arrays, linked lists, trees, sorting algorithms, and Big-O analysis.
- Guided participants through hands-on coding exercises, fostering problem-solving skills and a deeper understanding of algorithmic thinking.
- Created a supportive learning environment, encouraging questions and collaborative discussions.

AWARDS

1st Place - Net Impact SET Competition   **Nov 2024**
- Presented and developed *Tuklas*, an innovative app designed to bridge the gap between talented students and faculty at City University of Seattle and individuals or organizations in need of practical knowledge.
- Highlighted the app's unique features, including one-on-one session booking and group workshops, leveraging AI-powered recommendations for user needs.
- Showcased the app's potential to create meaningful connections, promote lifelong learning, and empower underrepresented communities.

2nd Place - Startup Weekend Seattle   **Mar 2019**
- Addressed a key challenge in the restaurant industry: managing staffing shortages caused by demand surges, staff illness, or injuries.
- Proposed DoublePay, an on-demand platform connecting restaurants with qualified staff to fill urgent vacancies efficiently.

Leadership in Smart and Secure Computing Research Group   **Dec 2018**
- Issued by Center for Information Assurance Education
- Recognized for efforts in establishing CityU Tech Clubs, managing the research group's website, and conducting research on blockchain and serverless technologies.
- Contributed to the Secure Coding Club through coding challenges and organized speaker events for the CityU Cybersecurity Club.
- Mentored students and fostered collaboration to advance the mission of the Smart and Secure Computing Research Group.

1st Place - MBA Case Competition Case Study: Is Sony Corporation's Aibo: An Intelligent Decision?   **Nov 2018**
- Analyzed Sony Corporation's strategic decision to develop and market the Aibo robot, evaluating its financial, technological, and market feasibility.

2nd Place - AngelHack Seattle Hackathon   **Jul 2018**
- Developed an innovative solution to address the issue of shared bikes being left in unsuitable locations, which created environmental concerns and incurred costs and regulatory penalties for bike-sharing companies.
- Designed and implemented a web platform to crowdsource workers for relocating shared bikes to appropriate areas, reducing clutter and benefiting both the community and bike-sharing companies.
- Built a map-based UI using the Google Maps API to display transport routes, list jobs by proximity, and incentivize workers with rewards such as cash, bike-share credits, and gift cards.
- Deployed the application on Heroku with a user-friendly interface using JavaScript, HTML5/CSS3, and modern web development practices.

PROFESSIONAL EXPERIENCE

AI Engineer - City University of Seattle, Seattle, WA   **Jan 2024 - Present**
- Brought to build a search and recommender system with Retrieval Augmented Generation (RAG) capabilities for chat for different initiatives.
- Responsible for designing, implementing and deploying RAG-based applications with MLOps.
- Technologies used: React Native, ExpressJS, FastAPI, MLflow, Ollama, Gemma, ChromaDB, GitHub Actions, GitHub Codespaces, Amazon EC2

IT Consultant - Liberty Paper Inc., Manila, Philippines   **Nov 2023 - Dec 2023**
- Conducted a comprehensive analysis of existing IT infrastructure and processes to identify enhancement opportunities.
- Proposed and strategized the implementation of the following solutions: establishment of a centralized knowledge base for streamlined information access, utilize version control Git and cloud repository GitHub for software development, initiatives for customer service and HR modernization through ServiceDesk, ERP systems modernization using ERPNext for improved operational efficiency, and IT infrastructure upgrade by incorporating VPN and DDNS technologies.
- Led the development and execution of the company's strategic plan, aligning business objectives with KPIs to drive growth.
- Collaborated with cross-functional teams to ensure alignment between proposed solutions and business objectives.
- Technologies used: ERPNext, ServiceDesk, Airtable, Git, GitHub

Software Engineer II - eBay Inc., *San Jose, CA (Contracting through BeaconFire, Inc., then Contracted to Brillio)*   **Aug 2021 – Sep 2023**
- Reduced for mean time to identify root cause related to site impacting changes to advertising platform from 1 minute to 10 seconds.
- Continuously delivery of features for experiment metadata enhancement project with team size of 5 to enhance A/B testing monitoring.
- Analyze business metrics data inaccuracies, such as revenue clicks, impressions, etc. and work with team members to correct the data.
- Influenced different teams to follow guidelines on site impacting changes through gathered data.
- Involved in batch processing using Spring Batch framework to extract data from ServiceNow and other internal APIs and load into Elasticsearch.
- Designed Spring Boot microservices to decouple logic from existing monolithic applications.
- Developed and designed table view, search function, and validation rules to show changes metadata with React framework and Ant Design.
- Configured continuous integration and delivery of applications with Jenkins and eBay auto deployment tool.
- Performed on-call work and Root Cause Analysis (RCA) reported by Slack alerts, Grafana, and other monitoring systems.
- Involved in several interviews, onboarding, sprint planning, and code reviews.
- Utilized Git as local and remote version control platform, GitHub as remote code repository to track branch features and fixes and collaboration, and JIRA to track issues of the project.
- Used Maven to build projects and Log4j to log meaningful messages to pinpoint events and root cause when investigating.

- Technologies used: Java, Spring, Spring Batch, JavaScript, React,, Elasticsearch, Git, Docker, Jira, Confluence, Jenkins, IntelliJ

Software Engineer - Worldwide American, *Cleveland, OH* **Jan 2021 – Jul 2021**
- Designed and implemented the architecture for a social media ranking platform using React, Java Spring, and MySQL.
- Optimized backend service performance, reducing response time by 80% through asynchronous processing and caching mechanisms.
- Architected a robust microservices system leveraging Spring Cloud Netflix, including components like API Gateway, Composite Service, Core Service, Discovery Server, Config Server, and Admin Server.
- Integrated RabbitMQ for efficient inter-server communication and dynamic configuration updates.
- Configured AWS RDS instances with MySQL to establish secure connections for core services.
- Deployed backend services on Amazon Elastic Compute Cloud (EC2), ensuring scalability and reliability.
- Developed and executed unit tests using Mockito for comprehensive backend validation.
- Managed version control workflows with Git and collaborated on development through GitHub and JIRA.
- Spearheaded staff sourcing, onboarding, and built an authentication layer to enhance system security.
- Technologies used: SQL, NoSQL, Java SE, J2EE, Hibernate, Spring Basics (Core, MVC, Data Access), Angular, React, Spring Advance (Actuator, Security, Async, Repository, Caching), Spring Cloud (Microservices), Tools (SDLC, Git, Logging, Junit, Server)

Software Developer Intern - CodeDay CodeLabs, *Seattle, WA* **Oct 2020**
- Enhanced functionality of RESTful APIs, ensuring seamless integration and consumption by a MERN stack-based UI.
- Implemented route protection and user authentication using JSON Web Tokens (JWT) with Auth0, strengthening application security.
- Collaborated with a team to design and develop scalable back-end solutions, adhering to industry best practices.
- Utilized tools and technologies, including Express, Node.js, MongoDB, Auth0, GitHub, and Notion, to deliver high-quality code and documentation.

Amazon Apprenticeship Program Manager (Full Stack Systems Developer) - City University of Seattle, *Seattle, WA* **Jan 2020 – Mar 2021**
- As part of Amazon AWS Military Apprenticeship Program, successfully managed yearly 17-week Program focusing on military veteran/spouse apprentices. Participants learned Linux system administration, networking, database technologies, programming, and full stack web development.
- Saved $72,000 over 2 years, decreasing operational budget by 40% by introducing organizational efficiencies through optimizing instructor and teaching assistant workload.
- 93% of the participants moved on to OJT with the Amazon AWS Team.
- Led the development of courses for system administration, programming, database, full stack web development.
- Mentored and led 5 instructors and 5 teaching assistants.
- Technologies used: MEAN Stack, MongoDB, Express, Angular, Node.js, TypeScript, JavaScript, Python, MySQL, AWS, GitHub, Trello, Linux, Kali Linux, and Mendix. Project management methodologies used Kanban and Scrum.

Computer Science Instructor – School of Technology & Computing - City University of Seattle, *Seattle, WA* **Jan 2020 – Mar 2021**
- Taught a diverse range of courses, fostering both foundational and advanced knowledge in computer science and technology:
  - Information Systems: Introduced low-code development with the Mendix platform, empowering students to build applications efficiently.
  - Database and Networking: Guided students in database management using MySQL and network analysis with Wireshark.
  - Full-Stack Web Development: Delivered hands-on training in the MEAN stack (MongoDB, ExpressJS, Angular, Node.js).
  - Programming with TypeScript/JavaScript: Developed coding skills through interactive lessons and practical applications.
  - Programming with Python and Machine Learning: Taught Python programming fundamentals and introduced machine learning concepts.
  - Information Technology Service Management: Covered ITSM principles, emphasizing real-world implementation.
  - Cybersecurity: Educated students on best practices and tools to secure systems and networks.System Administration: Provided in-depth instruction on Linux operating system management and administration.

Graduate Assistant – School of Technology & Computing - City University of Seattle, *Seattle, WA* **2019 – 2020**
- Assisted in the development of course content for Computer Science and Cybersecurity programs, with a focus on Introduction to Cloud Computing.
- Supported instructors as a Graduate Teaching Assistant for School of Technology & Computing courses, providing guidance to students and enhancing their learning experience.
- Contributed to the improvement of educational resources and materials to align with current industry trends.

Site Operations Assistant - City University of Seattle, *Seattle, WA* **2019 – 2020**
- Promoted cybersecurity awareness initiatives to foster a secure and informed campus environment.
- Managed the Meeting Room Manager system to coordinate and optimize campus resource utilization.

International Student Office Records Assistant - City University of Seattle, *Seattle, WA* **2019 – 2020**
- Maintained and updated student records using the PeopleSoft System and Microsoft Access database, ensuring data accuracy and confidentiality.
- Assisted with records management tasks, including data entry, retrieval, and reporting for academic and administrative purposes.

Financial Analyst - Concord Ventures, *Bellevue, WA* **Jul 2017 - Jul 2018**
- Conducted in-depth research on prospective clients and buy-side leads to support business development efforts.
- Monitored news and market trends to analyze current industry conditions and inform strategic decision-making.
- Managed multiple social media platforms to enhance brand visibility, drive traffic, and expand market reach.
- Designed client-facing materials, including teasers and infographics, to effectively engage potential buyers.
- Trained in CRM and deal management tools such as Sage ACT, DealNexus Intralinks, Axial, and BizBuySell to streamline workflows and enhance operational efficiency.

Sushi Chef Assistant – Sushi Tei Authentic Japanese Cuisine, Philippines **May 2017**
- Assisted in the preparation of authentic Japanese dishes, specializing in sushi, sashimi, and tempura.
- Ensured high-quality standards in food presentation and ingredient handling to maintain the restaurant's reputation for excellence.
- Supported chefs in maintaining a clean and organized kitchen environment, adhering to food safety and hygiene standards.

Kitchen Assistant – Mu Noodle Bar, Philippines **Jan 2017**

- Supported the preparation of Chinese-Korean-Japanese fusion dishes, including ramen, dumplings, and seafood specialties.
- Worked closely with chefs to ensure timely preparation and plating of dishes during peak service hours.
- Contributed to inventory management by organizing and restocking ingredients to ensure efficient kitchen operations.

Disc Jockey – Backyard UPTC and Club Haze, Philippines   **Sep 2015 – Jun 2017**
- Resident DJ and played 80s, 90s, 00s, 10s, pop, dance pop, edm, house, progressive house, electro house, future house, bass house, tropical house, tropical bass, hip-hop, trap, twerk, and moombahton.
- Guest on Radio stations 94.7 Love Radio and 97.9 Home Radio
- Experience on private parties, corporate events, and wedding events.

Volleyball Coach – Chiang Kai Shek College, *Philippines*   **Apr 2014 – Jun 2017**
- Won championships: 2016 Filipino-Chinese Amateur Athletic Federation (FCAAF) high school division
- Coached high school, middle school boys teams and specialized in volleyball serves and blocking.

Financial Analyst - Mandarin – S&P Capital IQ**,** *Philippines*   **Feb 2013 – Aug 2016**
- Achieved a performance rating of "A", exceeding performance, for 1,166,110 translated words for 7,230 data issues for over 3 years on Financial Information process translation. Translated native documents of publicly listed companies in China and Taiwan markets to English, their historical and transactional data.
- Formulated a template for Business Intelligence process translation. Created an extensive dictionary of Simplified and Traditional Chinese characters for financial, law and medical terms. Developed, enhanced and maintained Systran dictionary and other translation tools for consistency.
- Spearheaded a focus group to improve comprehension, team communication and collaboration between departments.
- Collaborated with USA and India team members.

Financial Analyst - Mandarin – Thomson Reuters Corp., *Philippines*   **Sep 2011 – Jan 2013**
- Achieved an annual performance rating of 130% production and 99% quality. Extracted fundamental data from China, Taiwan, Hong Kong and Thailand listed companies and encoded in Voyager database. Translated Simplified and Traditional Chinese financial statements to English.
- Facilitated service requests of clients and ensured timely and complete resolution of queries from internal and external clients.
- Maintained and analyzed bugs and errors in the databases and provided recommendations for database validation checks. Sought efficiencies in work practices to achieve automation. Provided feedback on new database/application releases.
- Collaborated with Canada and India team members.

Financial Planner – First Life Financial Co., Inc., *Philippines*   **Jan 2014 – Dec 2015**
- Assessed financial health of prospects and gave financial advice based on the financial analysis made. Solicited business for the company. Products include: life, variable, and endowment insurance. Client facing.

Sales Associate – BPI/MS Insurance Corporation, *Philippines*   **Nov 2011 – Jun 2017**
- Achieved 2.5 times the annual sales production quota for 6 years
- Implemented a spreadsheet database for sales, renewal and claims
- Created new business insurance sales for the company on Motor Car Insurance, Travel Insurance and Fire and General Liability Insurance for homes, buildings and commercial properties and businesses
- Assisted clients on requirements for application on insurance, claims and queries

Treasury Trader Intern – Philippine National Bank (formerly Allied Bank)   **2010**
- Supported the Treasury Department in executing international and local trades, including Foreign Exchange, Bonds, and Stocks.
- Assisted senior traders in monitoring market trends, analyzing financial data, and preparing trade reports to support decision-making.

Distributor - Usana Health Sciences   **2010**
- Marketed and sold a range of nutritional products, including fish oil, cellular nutrition supplements, antioxidants, Vitamin C, Vitamin B12, and Coenzyme Q10.
- Built and maintained a customer base through effective relationship management, addressing client needs, and providing tailored product recommendations.

Volleyball Coach – Xavier School, *Philippines*   **Mar 2009 – Mar 2013**
- Coached high school, middle school and elementary boys teams and specialized in volleyball serves.
- Won championships: 2010-2012 Filipino-Chinese Amateur Athletic Federation (FCAAF) high school division and 2011 Philippine Athletic Youth Association (PAYA) grade school division.
- Won 1st runner ups: 2009 Filipino-Chinese Amateur Athletic Federation (FCAAF) high school division. Represented San Juan City for NCR Palaro (National Games)

Assistant Auditor – St. Jude College, *Philippines*   **Mar 2007**
- Conducted audits of payrolls, tuition fees, discounts, financial statements, and accounts receivable to ensure accuracy and compliance with accounting standards.
- Verified financial data using pre-established software programs, identifying discrepancies and ensuring the correctness of automated calculations.

Warehouse Worker – Divisoria Mall, *Philippines*   **Mar 2007**
- Handled client purchases by efficiently preparing and packaging retail goods for delivery or pickup.
- Transported large retail items within the warehouse and ensured accurate placement for easy access and inventory management.
- Performed regular inventory checks to maintain stock accuracy and prevent discrepancies.

VOLUNTEER EXPERIENCE

Software Engineer Mentor – CodeDay*, Seattle, WA*   **2024**

- Guided college students—particularly juniors and seniors—through the process of creating or contributing to real-world, open-source projects. This experience is designed for those with a solid foundation in computer science who seek to gain practical skills beyond typical classroom coursework but might not have the time for a full-time internship.

Volunteer Mentor - Empower Youth Network, *Duvall, WA*   *2023*
- Guided a high school student over one school year, fostering their personal and academic growth.
- Supported the organization's mission to inspire youth to lead safe, healthy, and successful lives.
- Provided mentorship in goal setting, problem-solving, and developing leadership skills.

Volunteer Volleyball Coach – Cedarcrest High School*, Bellevue, WA*   **Sep 2022 – Present**
- Supported program activities to promote teamwork, discipline, and physical fitness among participants.
- Encouraged sportsmanship and a positive attitude on and off the court.

Volunteer Volleyball Coach – Sammamish High School*, Bellevue, WA*   **Aug 2021 – Present**
- Champion King County 2A 2021, 2022
- Coached high school school girls teams
- Supported program activities to promote teamwork, discipline, and physical fitness among participants.
- Encouraged sportsmanship and a positive attitude on and off the court.

Volunteer Volleyball Club Coach – 15 Under Armor Grey, *Seattle, WA*   **Feb 2021 – May 2022**
- Coached a 15 and under girls team and focused on skill development, game strategy, and teamwork.
- Designed and led practice sessions to enhance player performance and readiness for tournaments.
- Provided mentorship and guidance to players, promoting discipline, resilience, and a growth mindset.

Volunteer Volleyball Coach – Odle Middle School, *Bellevue, WA*   **Mar 2022**
- Coached middle school boys and girls teams and assisted in organizing practice sessions, drills, and game strategies for youth athletes.

Volunteer Basketball Junior Varsity Coach – Sammamish High School, Bellevue, WA   **Sep 2021 – Dec 2022**
- Coached high school girls teams and fostered a positive and inclusive learning environment to build confidence, teamwork, and sportsmanship.
- Emphasized discipline, consistency, and a strong work ethic to support player growth both on and off the court.
- Mentored players in developing their basketball IQ, preparing them for competitive play and future athletic goals.

Volunteer Mentor - CodeDay Washington, *Bellevue, WA*   **Feb 2019**
- Mentored youth aged 12-26 during the event, providing guidance in coding and fostering a collaborative learning environment.
- Facilitated an engaging and supportive atmosphere that encouraged creativity, problem-solving, and skill development.
- Assisted with event logistics, including setup and coordination, to ensure smooth operations.
- Supported food service operations, ensuring participants were well cared for throughout the event.

Volunteer Mentor - New Tech Northwest, *Seattle, WA*   **Jan 2019**
- Engaged with tech professionals during and after the event, providing guidance on networking and job search strategies.
- Offered advice and mentorship to attendees on building connections and navigating the job market.
- Assisted with event operations, including participant sign-ups, welcoming guests, and managing logistics to ensure a seamless experience for attendees.

Invited Speaker: Tech Terms Decoded - City University of Seattle, *Seattle, WA*   **Jan 2019**
- Delivered an interactive talk aimed at simplifying complex tech concepts like APIs, Containers, Docker, Kubernetes, and cloud services.
- Provided a high-level overview of AWS technologies, including ECS, ECR, Batch, CloudWatch, Redshift, Elasticsearch, RDS, S3, and Lambda, to help students understand their practical applications.

Program Volunteer: Executive Business for MBA visitors from Vietnam - City University of Seattle, *Seattle, WA*   **Sep 2018**
- Assisted in organizing and facilitating the visit of MBA executives from Vietnam, ensuring a smooth and welcoming experience.
- Provided on-site assistance to MBA visitors, addressing questions and helping them navigate program activities.

Program Volunteer: Data Science and AI Workshop for Shenzhen Polytechnic Faculty - City University of Seattle, *Seattle, WA*   **Aug 2018**
- Assisted in organizing and facilitating a workshop for visiting faculty from Shenzhen Polytechnic, China, focused on applied data science and artificial intelligence.
- Contributed to cross-cultural academic exchange, promoting knowledge sharing and professional development.

Invited Speaker: Hackathon and Google APIs - City University of Seattle, *Seattle, WA*   **July 2018**
- Delivered an engaging talk to students about leveraging Google APIs to build impactful software projects.
- Shared personal experiences in software development, highlighting the role of APIs in enabling communication with Google Services.
- Explained the fundamentals of integrating Google APIs, offering practical insights and real-world examples from professional projects.

Invited Talk Host and Event Manager - City University of Seattle, *Seattle, WA*   **2017 - 2020**
- Organized and managed multiple invited talks featuring industry professionals, fostering knowledge exchange and professional development opportunities for students and faculty.
- Coordinated all aspects of event logistics, including scheduling, venue arrangements, marketing, and participant registration.
- Served as host and moderator, facilitating engaging discussions and ensuring smooth transitions between sessions.
- Built strong relationships with guest speakers and stakeholders, enhancing the university's network and reputation.
- Talks Organized:
    - Mar 23, 2019: Life of a Software Engineer
    - Feb 22, 2019: Tech Terms Decoded
    - Feb 16, 2019: Using the Right Tools for the Right Job
    - Feb 15, 2019: Leveraging AWS Services and Python for Enterprise-Wide Change Management
    - Feb 13, 2019: My Tech Journey and DUBSTECH
    - Jun 13, 2019: Software Engineer Zero to "Big 4" in a Year
    - Aug 22, 2018: Software Development Experience at Microsoft
    - Aug 01, 2018: What's in Your Toolbox?

- Sep 19, 2018: Learn About Micro-service Architecture
- Sep 05, 2018: Cybersecurity Business at Avanade
- Nov 20, 2018: Making a Serverless Development Portfolio-In 7 days
- Nov 13, 2018: Connecting the Dots: How Angular Components Work Together
- Oct 23, 2018: AppEsteem PUA (Potentially Unwanted Application)
- Oct 09, 2018: Build a CMS Website in an Hour with Laravel + Vue.js
- Jul 25, 2018: Software Development Life Cycle & Hackathon and Google APIs
- Jul 11, 2018: Cyber Threat Intelligence

Executive Marketing Manager - Student Artists Manager, De La Salle University, *Philippines*　　　　　　　　**2010**
- Managed marketing efforts for university arts groups, including dance, theater, singing, and other creative ensembles.
- Led sponsorship initiatives, successfully securing funding and partnerships to support events and performances.
- Oversaw event logistics and collaborate with artists to ensure alignment with marketing strategies.

Volunteer Mentor: For The Kids - De La Salle University, *Philippines*　　　　　　　　**2008 - 2009**
- Participated in a university-wide initiative that served as a mini-Olympics for children with special needs from Metro Manila.
- Provided direct support to children with special needs, fostering a fun, inclusive, and engaging environment.

ACADEMIC RESEARCH PROJECTS

2019 Assessment and Approval based on Center for Internet Security's (CIS) Oracle MySQL Community Server 5.7
2019 Cyber Security Risk Assessment for Investment Bank
2019 Security Awareness for Financial Services
2019 Security Policy for Investment Bank

2010 Consumer Price Index, Money Supply, Exchange Rate and GDP by origin: Philippine Setting (2009 -1990) 2010 Analysis of Financial Performance, Position and Competitors: Hewlett Packard Company (2008 – 2006) 2010 Analysis of Financial Performance, Position and Industry Analysis: Lepanto Consolidated Mining Company (2008 – 2002) 2009 Inflation and Personal Consumption Expenditure (PCE): The Philippine Case (2009 – 2003) 2008 Analysis of Financial Performance and Position: Philippine Long Distance Telephone Company (2008 – 2004)

BLOGS

Dev.to / Medium / FreeCodeCamp News
- Jul 7, 2022: Case Study - Slack: Scaling to Hundred Thousand Users
  - https://dev.to/clarkngo/case-study-slack-scaling-to-hundred-thousand-users-m86
- Jun 28, 2022: Simple and Better Pull Requests
  - https://dev.to/clarkngo/simple-and-better-pull-requests-469o
- Jun 28, 2022: Why use Java - Map.computeIfAbsent
  - https://dev.to/clarkngo/why-use-java-mapcomputeifabsent-4945
- Jun 28, 2022: How to solve Group Anagrams problem
  - https://dev.to/clarkngo/group-anagrams-j91
- Jun 10, 2022: A Minute of Understanding POM
  - https://dev.to/clarkngo/a-minute-of-understanding-pom-4abj
- Apr 14, 2021: Logic Explained: Meeting Scheduler - Leetcode [Java] using Two Pointers
  - https://dev.to/clarkngo/logic-explained-meeting-scheduler-leetcode-java-using-two-pointers-4881
- Apr 13, 2021: Logic Explained: Meeting Scheduler - Leetcode [Java] using Priority Queue
  - https://dev.to/clarkngo/logic-explained-meeting-room-ii-leetcode-java-1gh5
- Apr 30, 2020: How I Passed the CompTIA Linux+ Exam
  - https://www.freecodecamp.org/news/the-linux-exam-story/
- Mar 8, 2020: Want to understand the MEAN Stack quickly? Here's documentation with useful diagrams.
  - https://www.freecodecamp.org/news/cjn-understanding-mean-stack-through-diagrams/
- Jun 28, 2019: How to teach yourself to learn again
  - https://www.freecodecamp.org/news/cjn-how-to-teach-yourself-to-learn-again/
- Jun 23, 2019: Why I abandoned my MBA to get a master's in Computer Science
  - https://www.freecodecamp.org/news/cjn-why-i-abandoned-my-mba-to-get-a-masters-in-computer-science/
- May 27, 2019: Google Sheets as JSON Endpoint
  - https://medium.com/@clarkjasonngo/google-sheets-as-json-endpoint-31fe3b97bcc7
- Apr 15, 2019: Securing our WordPress Website
  - https://medium.com/@clarkjasonngo/securing-our-wordpress-website-611b0767430b
- Apr 7, 2019: JUnit Test with Maven in VSCode
  - https://medium.com/@clarkjasonngo/junit-test-with-maven-in-vscode-7546eabd50f7
- Mar 8, 2019: Drivers for security and exploration
  - https://medium.com/@clarkjasonngo/drivers-for-security-and-exploration-c22f9963d281
- Mar 8, 2019: Sell data, lose trust
  - https://medium.com/@clarkjasonngo/sell-data-lose-trust-6ccbca8392bb
- Mar 8, 2019: Easy Examples for Black, White and Gray Box Testings
  - https://medium.com/@clarkjasonngo/easy-examples-for-black-white-and-gray-box-testings-fdceb2a8b664

- Mar 8, 2019: Play more, understand more
  - https://medium.com/@clarkjasonngo/play-more-understand-more-485df107d96e
- Mar 8, 2019: Attack Surfaces for Browser and Patching
  - https://medium.com/@clarkjasonngo/attack-surfaces-for-browser-and-patching-e925751d3f21
- Mar 8, 2019: Why not just outsource a feature?
  - https://medium.com/@clarkjasonngo/why-not-just-outsource-a-feature-e1218cd6caef
- Feb 18, 2019: Please ask questions early and often if you don't know how to do something
  - https://medium.com/@clarkjasonngo/please-ask-questions-early-and-often-if-you-dont-know-how-to-do-something-e7e69e29f29e
- Jan 7, 2019: Essential Gems for Rails Applications
  - https://medium.com/free-code-camp/essential-gems-for-rails-applications-75fed43d2798
- Oct 28, 2018: How to make sure your MySQL database is secured
  - https://medium.com/free-code-camp/is-your-mysql-secured-7793e5444cf5
- Sep 11, 2018: Ruby terminal commands and GitHub workflow
  - https://medium.com/@clarkjasonngo/ruby-terminal-commands-and-github-workflow-34641860094
- Jul 23, 2018: How my team rocked the AngelHack Seattle Hackathon
  - https://medium.com/free-code-camp/cashcycle-angelhack-seattle-hackathon-2018-d3f42a26ddcb

VIDEOS

YouTube Channel: Clark Tech Talks: https://youtube.com/playlist?list=PLK4sJSsw4V-f3tfHHrxBuCoJv2nWDNqIf&si=5rsEJjDWXkiZkXoV
Tutorials and Installation Guides
- Jan 2023: How to Manually Install RabbitMQ in Windows 10 – 7.7K views.
- Dec 2022: Goodbye Vim & Hello Remote - SSH: Using VS Code to Connect to your EC2 Instances – 408 views.
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