CHRISTOPHER DENQ

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EDUCATION

Foothill Community College   Los Altos Hills, CA
Associates of Science in Mathematics and Computer Science   April 2022 – Present
- **Honors:** Foothill Business Innovation Challenge ($1000-$300 for full-stack ML web app prototype)   2022

University of Pennsylvania, School of Engineering and Applied Sciences   Philadelphia, PA
Bootcamp Certificate in Data Analytics and Visualization   September 2021 – March 2022

University of Pennsylvania, College of Arts and Sciences   Philadelphia, PA
Bachelor of Arts in Philosophy and History of Art   August 2015 – December 2017, January 2019 – May 2021
- **Honors:** John C. Parker Fellowship ($500 for statistical optimization on game theory model)   2016

Van Nuys Senior High   Van Nuys, CA
Highly Gifted Math and Science Magnet   August 2011 – June 2015
- **Honors**: *summa cum laude*, ranking 3/582

WORK EXPERIENCE

PNC Financial Services Group   Harrisburg, PA
Incoming Summer Data/Business Analyst Intern   June 2022 – August 2022
- Will analyze data metrics, create statistical models, and present findings to supervising team to impact business operations
- Will work extensively with software via Python, SQL, Tableau; opportunity to develop for AI/ML department

2U – Trilogy Education Services, Georgia Institute of Technology   Atlanta, GA
Incoming Data Analytics Teaching Assistant and Summer Tutor   June 2022 – August 2022
- Will serve as the teaching assistant for GATech's Data Analytics and Visualization Bootcamp
- Will serve as a weekly Data Analytics tutor

California State University: Northridge, College of Engineering and Computer Science   Northridge, CA
Machine Learning Research Assistant   November 2021 – May 2022
- Researched graduate-level machine learning material, created 280+ class slides, 10+ Java-to-Python examples to demonstrate ML concepts, assisted in general class material preparation, proofreading, documentation
- **Succeeded** in collaborating, designing, and coding for graduate-level ML course curriculum with Professor Wen-chin Hsu

Wyzant.com   Various
Freelance Computer Science Tutor   September 2021 – Present
- Taught computer science topics to 25+ high school, college, and adult learners for total 65+ hours ranging from coding fundamentals to advanced data structures and algorithms to machine learning topics
- **Succeeded** in adapting teaching style, clearly communicating abstract computer science concepts, mentoring students

Kings Court English College House, University of Pennsylvania   Philadelphia, PA
Chair of Manager Board   August 2017 – March 2020
- Managed team of 11 other managers, leads weekly meetings, liaisons for 3 student staff groups
- Led 14-16 annual house initiatives, 12 study break events for 450+ students, 5 residential programs
- **Succeeded** in 20% increased student engagement (30.7 from 25.6), 12% increased event quality ratings (4.4/5 from 3.9/5), 3 new event traditions, and 2 new in-house management strategies over 4 years

Oasis Commissary (Non-Profit) & Mirage Lounge, University of Pennsylvania   Philadelphia, PA
Founder and Executive Business Operations Manager   September 2016 – March 2020
- Wrote proposal to turn unused dormitory space into non-profit commissary, obtained vendor license from Philadelphia city
- Managed 21 staff and 2 junior managers, $2000 bi-monthly budget, 6 marketing campaigns, 2 training programs
- Maintained in-house lounge (Mirage Lounge): hosted 5 semesterly arts & crafts/relaxation/enviro-conscious programs
- **Succeeded** in serving local college dorm for 3 years: $1300 gross (returned to Penn), 22k purchases, 180 unique clients

Christie's Auctions & Private Sales   New York, NY
Summer Intern / Student   June 2020 – August 2020
- Attended over 3+ onsite auctions and hilling meetings; helped client communication
- Contributed to 6+ condition reports, appraisals, and clients' collection package documentations
- Succeeded in helping Christie's adjust to accelerated digital marketplace and understanding of role as auction house during pandemic

Kapp Kapp Gallery   New York, NY & Philadelphia, PA
Winter Gallery Intern   December 2019 – March 2020
- Trained, operated in 3-person team; staffed to real collector engagements as intern
- Assisted in establishing Philadelphia branch; performed daily operations that benefitted both branch
- Researched 16 artworks in 3 collections over 2 locations, contributed to 2 winter catalogs

Arthur Ross Gallery   Philadelphia, PA
Fall and Spring Docent   September 2019 – March 2020
- Learned gallery material, docent etiquette, and general operations of collegiate gallery
- Led 4 tours for Jaume Plensa's Talking Continent exhibition
- Led 6 tours for Helen Frankenthaler's Frankenthaler on Paper exhibition
- Succeeded in conveying abstract artistic concepts, engaged over 65+ visitors across 10 tours, and gained 20+ new email subscribers

Fulphil   Philadelphia, PA
Summer Business Administration Intern   June 2019 – August 2019
- Operated in 3 of startup's departments: Marketing, Social Outreach, Development
- Reviewed startup budget and programming price points
- Engaged 12 high school entrepreneurs as part of Fulphil's Social Impact Business Kickstarter program
- Succeeded in maintaining general day-to-day operations and completing the Social Impact Business Program

Philadelphia Museum of Art   Philadelphia, PA
Spring Museum Acquisition Student/Intern   January 2019 – May 2019
- Worked directly with Dr. Darielle Mason, Stella Kramrisch Curator of Indian and Himalayan Art
- Academically investigated curation/exhibition of Philadelphia Museum of Art's own collections
- Participated in Asia Week @ New York, 7 different auctions and galleries, researched 2 potential acquisition pieces

McKinsey & Company   New York, NY
Summer Business Analyst Intern   June 2018 – August 2018
- Trained, operated in 4-person team; staffed to real client engagement as an intern
- Analyzed 12+ databases, assisted in building 4+ iterations of financial models, created 3 drafts and final risk assessment reports, completed 2 presentations to team and client
- Succeeded in learning about client's situation and conducting relevant research, providing deliverables to client with team, sanitizing and adding new insights to internal PD documentation

Kings Court English College House, University of Pennsylvania   Philadelphia, PA
Summer Business Development Intern   June 2017 – August 2017
- Wrote and presented 1 grant proposal to Penn College House Committee to convert under-utilized building space into commissary for in-house students
- Worked on developing budget, securing industry equipment (shelves, coolers, cashiers), inventory sales patterns, staff training regiment
- Succeeded in pilot summer, successful enough to be reclaimed by Penn, promoted to Executive Business Operations Manager

Bo-Ren Construction Company   Kaohsiung City, Taiwan
Summer Real Estate Consulting Apprenticeship   May 2016 – August 2016
- Learned introductory to advanced real estate concepts, including 4 recent Taiwanese case studies
- Performed market research, financial analysis, and data analysis on over 400k housing data points to generate product program and positioning recommendations for 6 city projects totaling $200M+ in development
- Wrote 4 drafts and final reports, presented results to 15+ audience members of mixed seniority
- Succeeded in learning about real estate concepts and applying market and financial research to data-informed consulting projects

California State University, Northridge   Northridge, CA
Spring CSI Class Data Intern and Project Facilitator   January 2016 – May 2016
- Worked with Dr. Wen-Chin Hsu on curriculum proposal for using a new multimedia tool in teaching introductory computer science in 3+ course sections to 120+ students
- Gathered both quantitative and qualitative data through Google forms and analyzed over 9k data points over 1 semester to best provide feedback for project transition
- Succeeded in supporting smooth integration of new teaching tool to introductory computer science classes and helping provide 6 visualizations and 10+ quantifiable metrics to academic report

University of Florida, Systems Biology Laboratory   Gainesville, FL
Assistant Data Analyst and Researcher   June 2012 – September 2013
- Assisted professor Su-Shing Chen and jointly published paper on biomarkers and their role in predicting Alzheimer's Disease based on dependence and gender
- Compiled, organized, analyzed over 10,000 returning results per test; provided general documentation and proofreading support
- Succeeded in contributing to the development of algorithmic application using machine-learning and SVM-based feature selection methodology