

Victor Ngo

<https://vngosb.github.io/>

EDUCATION

Master's of Science Bioinformatics Johns Hopkins University
Baltimore, MD | 2025
GPA: 3.65

Bachelor's of Science Biology University of California,
Riverside Riverside, CA | 2021
GPA: 3.5
Dean's List Fall 2020

SKILLS

- **Programming & Scripting** (Python, R, SQL, Perl, Bash)
- **Bioinformatics Tools & Platforms** (Galaxy, BEDtools, SAMtools, UCSC Genome Browser, data integration)
- **Data Analysis & Visualization** (pandas, NumPy, ggplot2, seaborn, DESeq2, JMP)
- **Database Management** (MySQL, relational database design, biological databases)
- **General Tools & Software** (Microsoft Office, LIMS)

Relevant Coursework

- Advanced Practical Computer Concepts for Bioinformatics
- Statistics for Bioinformatics
- Gene Expression Data Analysis and Visualization
- Algorithms for Bioinformatics
- Bioinformatics: Tools for Genome Analysis
- Next Generation DNA Sequencing and Analysis
- Biological Databases & DB Tools
- Algorithms for Bioinformatics

EXPERIENCE

QC Specialist II, Data Analysis

GENMARK DIAGNOSTICS (Roche) | CARLSBAD, CA | 2022 - Present

- Perform signal and data analysis of quality control (QC)-tested products
- Conduct investigations, root cause analyses, trend analyses, corrective actions, and preventative actions pertaining to out of specification or nonconforming results
- Document nonconforming and out of specification results
- Collaborate with Quality Assurance, Manufacturing, R&D, Data Analytics, Software, and Supply Chain departments for investigations
- Participate in and carry out validation and verification studies for new reagents, processes, and assays

QC Analyst I

GENENTECH (Roche) | OCEANSIDE, CA | 2022 - 2022

- Assisted QC Laboratories by supporting sample submission of buffers, pre-harvest, in-process and bulk samples
- Assisted QCLS with management and disposal of retains and reserves
- Performed receipt of incoming product shipments from other Genentech and Roche sites
- Aliquoted and deliver samples to proper testing groups physically and virtually through LIMS

Microbiology Technician

AJINOMOTO BIO-PHARMA SERVICES | SAN DIEGO, CA | 2021 - 2022

- Performed environmental monitoring within the microbiology laboratory, manufacturing suites, clean rooms, and drug product operations
- Supported process qualification of water, HVAC, and other systems