

Victoria Macali

Los Angeles, CA | (323) 229-8059 | U.S. Citizen | Public Trust | victoriatmacali@gmail.com | linkedin.com/in/victoria-macali/
Willing and Able to Relocate Anywhere in U.S. within 4 Weeks of Hire

EDUCATION

RAND School of Public Policy
Masters of Technology Policy

Santa Monica, CA
June 2027 (anticipated)

California State University Long Beach
Bachelor of Science in Computer Science
Minor in Cybersecurity Applications

Long Beach, CA
May 2023

GPA: 3.4 | Honors: President's Honor List | Awards: Grace Hopper Scholarship

SKILLS

Programming Languages: Java, C++, C, Python, SQL, Haskell
Frameworks and Tools: HTML, CSS, React Native, Highcharts, Pandas, Numpy, Solidity, Scikit-learn, TensorFlow AWS Suite

Visualization and Development Tools: Tableau, Docker, Jira

Database Technologies: MySQL, MongoDB

Machine Learning: Decision Trees, Supervised Learning, Regression

Technical: Software Development, Data Analysis, Full-Stack Development, Technical Writing

Certifications: Fortinet Product Awareness, The Evolution of Cybersecurity, Information Security Awareness

WORK EXPERIENCE

U.S. Securities and Exchange Commission

September 2022 – February 2026

The U.S. Securities and Exchange Commission is independent U.S. Federal agency created to regulate securities and protect investors. Contracted with Hispanic Association of Colleges and Universities in the Office of Minority and Women Inclusion.

Blockchain Engineer | Strategic Hub for Innovation and Financial Technology

May 2024 – August 2024

- Selected as a Computer Science Technical Expert Intern, serving as a subject matter resource on cryptocurrency systems, blockchain security, and market trends for enforcement-related initiatives.
- Led development of a secure data integration pipeline by aggregating data from multiple cryptocurrency exchange APIs to support investigative and regulatory analysis.
- Designed and built Python and Solidity applications to monitor and detect suspicious blockchain transactions, strengthening security and threat detection capabilities.
- Developed automated validation scripts for assets on Solana blockchain, improving integrity and reducing manual verification.

Data Scientist | Division of Economic Risk Analysis | Office of Data Science

May 2023 - May 2024

- Led implementation and adoption of AWS Sagemaker labeling tools, providing technical guidance and training to improve data annotation workflows and model performance.
- Partnered with cross functional teams to generate labeled datasets from Form N-CSR/S filings, reducing manual review by 30%
- Engineered Python based automated workflows to classify form approvals using SME-defined criteria, improving consistency and scalability of regulatory processes.
- Employed data mining and statistical analysis to enhance prediction accuracy and support data driven decision-making across business unit

Cybersecurity Analyst | Division of Economic Risk Analysis | Office of Corporate Finance.

September 2022 – May 2023

- Analyzed cybersecurity incident data to identify trends affecting SEC-registered entities, supporting enterprise risk assessment and security reporting.
- Supported data integration and validation of cybersecurity disclosures from 8-K and 10-K filings, ensuring accuracy and completeness of regulatory datasets.
- Applied natural language processing (NLP) techniques to structure unstructured data, improving data quality and enabling clear communication to non-technical stakeholders
- Collaborated with cross-functional teams to deliver insights aligned with regulatory, security, and business priorities

Software Engineer | Division of Economic Risk Analysis | Office of Corporate Finance

September 2022 – May 2023

- Led end-to-end development of a cybersecurity analytics dashboard as sole developer, designing and delivering a full-stack application to support enterprise decision making.
- Architected and deployed an interactive dashboard using Python, HTML, Highcharts.com, to visualize 20 years of cybersecurity incident data for SEC-registered companies
- Applied Agile methodologies to manage the full software development lifecycle, from requirements gathering through deployment and user training
- Presented the cybersecurity dashboard to 30+ stakeholders and led technical walkthroughs, translating complex data into actionable insights
- Coordinated with legal, economic and technical teams to balance competing priorities and ensure on-time project delivery

PROJECTS

Front-End Developer | Musashi Desktop Application

August 2022 – May 2023

- Presented the Cybersecurity Musashi Desktop App to the 2023 graduating class, delivering a technical walkthrough on system functionality, UI/UX design principles, and Agile development methodology used throughout the project lifecycle
- Developing an early-stage startup project focused on a secure, data-driven application, leading system design and implementation of core features using React Native, Mongo DB and AWS S3