Ben Chen

415-948-0106 | ben10chen@g.ucla.edu | https://www.linkedin.com/in/ben10chen | https://www.benchen.me

EDUCATION

University of California, Los Angeles (UCLA) Expected Graduation in Dec 2025
Bachelor's in Computer Science & Linguistics *Los Angeles, CA*
- Relevant Courses: **Data Structures; Algorithms;** Software Eng; Functional Programming; **Cybersecurity**.

EXPERIENCE

Cybersecurity Engineer Intern (Payments) Jun 2025 to Sep 2025
Amazon.com *Seattle, WA*
- **Automated time-intensive incident report analysis & pattern identification**, which previously took up 30 mins per report for 400+ annual reports, allowing security enhancements for Amazon's payments ecosystem.
- Owned development of an AI agent to extract key metrics, including summaries, lessons learned, action items, & the identification of pattern groupings, which directly solved problems raised by senior security leadership.
- Engineered a live boto3 system with **AWS Bedrock on SageMaker to automate** insights generation with **91% accuracy**; engineered grouping code with **87% accuracy** that incorporated runtime optimizations.
- **Reduced incident report analysis time to 50 seconds** & **estimated by the department to annually save > 20 work weeks**. This directly enabled security leadership to optimize investment & prioritization in payments security, bolstering security consistency & **automation for $1.7 trillion** in annual transactions.

Cybersecurity Engineer Intern (Cloud Compliance) Jun 2024 to Aug 2024
Walmart Global Tech *Bentonville, AR*
- Implemented Cloud Security Posture Management (CSPM) solutions on Wiz for Walmart's PCI cloud environment, ensuring continuous compliance & **securing billions of dollars** in online payment info & consumer data privacy.
- Programmed eight different custom **Cloud Configuration Rules** using Rego scripting that continuously runs against Walmart's PCI cloud architecture, which has generated a total of **933 findings & 105 security issues**.
- Enhanced cloud security by delivering **weekly system compliance reports & automatic issue detection email notification integration system**, increasing PCI compliance security stakeholder awareness.
- Developed Proof-of-Concept to automate 24.4% of all PCI requirements using Wiz, **saving thousands of dollars of workhours** & improved cloud posture by identifying previously undetected misconfigurations.

Deep Learning Research Intern Jan 2023 to May 2023
The Mobile and Intelligent Computing Laboratory *San Francisco, CA*
- Established STM32 & ESP32 asynchronous communication by optimizing remote PC-based operations with on-device protocols, **boosting transmission efficiency by 30%** & eliminated cybersecurity risks.
- Engineered Bluetooth connection between Myo armband and ESP32, implemented UART protocol for data transmissions onto STM32 microcontroller, ensuring a **robust data pipeline** to finetune on-device CNN models.

PROJECTS

GDPR Compliance Machine Learning Published Research Paper | *UCLA ACM - Cybersecurity Team*
- Co-authored a UCLA **AI cybersecurity** paper utilizing NLP to conduct GDPR compliance assessments on sites.
- Developed a Chrome extension that automates plugin file retrieval & analysis using Selenium & Python.
- **Engineered a DistilBERT-based language model to evaluate privacy policies against GDPR standards, fine-tuned with a specialized dataset for 80.1% accuracy.**
- Paper published & presented at the 2023 MIT Undergraduate Research Technology Conference.

URL Threat Analyzer Website + Chrome Extension | *AI Cybersecurity Project*
- Led an AI cybersecurity project that tells if an inputted URL is benign or malicious via a website & extension.
- **Harnessed datasets, Word2Vec, NLTK, & Pandas, culminating in a K-Nearest Neighbors model**; Used SDLC & CI/CD guidelines to implement Flask that facilitated real-time URL analysis on our website.
- **Model has 96.77% accuracy** in predicting URL threat, empowering ≥82 users to have greater web security.

TECHNICAL SKILLS

Languages: Experience in Java, Python, C++, SQL, HTML, CSS, JavaScript, Prolog, Haskell, Rego
Developer Tools: Git, PowerShell, VS Code, Jupyter, AWS, Replit, Pandas, NumPy, **Linux**, **Wireshark**, **Wiz**
Certifications: **Security+**, **Certificate of Cloud Security Knowledge (CCSK)**, **AWS** Cloud Technical Essentials, **Azure** Cloud Services, **Google Cloud** Fundamentals, Google Cybersecurity, Google Linux & SQL, Google Network Sec.