# Loang Chiang

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## EDUCATION

**Brown University**, *Sc.B. Computer Science & A.B. Cognitive Science, GPA: 3.80 / 4.00*  **Expected Graduation Date: May 2028**
- *Honors & Activities:* Bonner Community Fellow (August 2024 - Present), Meiklejohn Peer Advisor (August 2025 - Present), Brown WiCS Co-Development Lead (April 2025 - Present), FullStack@Brown Software Engineer (August 2024 - May 2025)
- *Relevant Coursework:* Sociotechnical Systems and HCI, Data Structures and Algorithms, Computer Systems, Fundamentals of AI, Statistical Inference, Linear Algebra with Theory

## WORK EXPERIENCE

**Banco de Crédito BCP,** *Strategy & Analytics Intern*  **Lima, PE | June 2025 - August 2025**
- Selected to work within the Cybersecurity Governance team as part of the Summer Trainees program at Peru's leading bank
- Designed and delivered a cloud-based Power BI dashboard to visualize cybersecurity framework maturity across programs and initiatives, providing 40+ executives and specialists with clear insights for strategic decision-making
- Developed Python automation scripts to translate cybersecurity framework evidence across multiple compliance standards, streamlining reporting and improving collaboration with regulators and internal teams
- Automated governance workflows in the cloud by integrating Excel with Power Automate, improving reporting time + efficiency

**Sin-cere Consulting & Multiservices,** *Product Design & Development Intern*  **Providence, RI | September 2025 - Present**
- Build a mobile-friendly intake and onboarding platform, digitizing the client intake process into a mobile-friendly prototype and expanding access to business support services across RI
- Collaborate with program staff to integrate features such as service sign-ups, scheduling, and notifications, aligning the platform with community needs
- Conduct usability testing with entrepreneurs and iterate on form flows and layouts to improve accessibility and UX

**Providence Public Library,** *Data Analytics Intern*  **Providence, RI | January 2025 - May 2025**
- Partnered with the Providence Public Library and the Community-Engaged Data and Evaluation Collaborative (CEDEC) at Brown University to deliver a research and data analysis project informing long-term fundraising and financial planning
- Analyzed donor and membership trends to uncover high-potential fundraising opportunities, informing library leadership's strategy
- Delivered Python visualizations + presentations to library leadership, shaping long-term fundraising decisions

**Brown Human-Computer Interaction Lab,** *Undergraduate Research Assistant*  **Providence, RI | August 2025 - Present**
- Develop Python-based data pipelines for *Sochiatrist*, a research tool analyzing mental health through social messaging data
- Build interactive visualizations with Plotly to uncover behavioral patterns and support insights for researchers
- Translate raw findings into recommendations that inform academic research and potential applications in mental health technology

**Brown University,** *Undergraduate Teaching Assistant, CS300: Intro to Computer Systems*  **Providence, RI | August 2025 - Present**
- Selected as teaching assistant for the first Fall offering of Brown University's largest computer systems class
- Lead weekly discussion sections of 30+ students, simplifying complex systems concepts through applied examples
- Provide individualized support through regular office hours, improving student confidence in debugging and systems programming

## LEADERSHIP & PROJECTS

**Carpool UP,** *Product Strategy & Frontend Design Lead*  **June 2025 - Present**
- Implement and maintain React-based frontend components, building responsive UIs from Figma prototypes and student feedback
- Conduct user research and usability testing, iterating on layouts and flows to improve UX and accessibility
- Define the product roadmap and pricing models, and coordinate workflows with Agile practices + Trello to align teams

**Brown Space Engineering,** *Software Developer & PM Associate*  **September 2024 - Present**
- Co-leading development and serving as product manager of PVDXWebApp, an educational platform enabling K–12 students to interact with upcoming satellite
- Contributing to backend/frontend integration while managing team planning and requirements gathering
- Plan and execute impactful events such as the Ivy Space Conference 2025 to strengthen connections between passionate students and industry professionals, as well as develop strategies to find and engage possible donors to the organization

## SKILLS & INTERESTS

**Programming:** Python, JavaScript (React), SQL, C/C++
**Tools:** Power BI, Tableau, Power Automate, Excel, Git, Figma, Trello/Jira
**Languages & Interests**: English & Spanish (Bilingual) | Literature, choir, theater, productivity tools