Lawrence Chung

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EDUCATION

The University of North Carolina at Chapel Hill | Chapel Hill, NC

B.S. in Information Science, Minor in Entrepreneurship and Data Science | **GPA:** 3.6/4.0   **Exp. May 2026**

Relevant Courses: Foundations of Programming (Python), Math Tools for Data Science (Python), Information Visualization (Tableau/Power BI), Fundamentals of Programming Information Applications (Python), Introduction to Database Concepts and Applications (SQL)

TECHNICAL SKILLS

Skills: Python, Object Oriented Programming, Machine Learning, RAG, AWS, SQL, Power BI, Tableau, HTML, CSS, R, Microsoft Excel

PROFESSIONAL EXPERIENCE

Research Intern | Innovate Carolina | Part-time, Remote   **Jun 2025 - Present**
- Building an automated market research pipeline to accelerate product/venture evaluation for the Data Intelligence Hub division of Innovate Carolina using RAG integration and Python.
- Leading end-to-end process of integration, from project scoping, research, development, and deployment, under the mentorship of the Director of the Data Intelligence Hub.

Returning Software Engineer Intern | TIAA | Charlotte, NC   **Jun 2025 - Present**
- Won 1st overall and People's Choice Award in T3 Hackathon, TIAA's intern hackathon event.
- Developed an AI-driven wealth management forecasting tool leveraging Agentic AI and ML (TensorFlow) to aid financial advisors in adjusting for the longer, healthier lifespans of clients thanks to advancements in longevity science.
- Built an automated storage capacity forecasting script in Python, leveraging scikit-learn and statsmodels packages to train a model to within a ~2% margin of error (down from ~10%), plotting results with matplotlib.

Software Engineer Intern | Seabury Airline Strategy Group | London, UK   **Jan 2025 - Apr 2025**
- Built a novel Python module to automate the transformation of legacy aviation data formats into standardized CSV outputs for internal systems, freeing an internal software platform from data broker constraints.
- Led scoping, development, and deployment of software features that boost data accessibility to consultants.

Software Engineer Intern | TIAA | Charlotte, NC   **Jun 2024 - Aug 2024**
- Won People's Choice Award and 2nd Overall in T3 Hackathon, TIAA's intern hackathon event.
- Leveraged Anthropic's Claude V3 model to extract over 50 KPIs from PDF files and exported KPI data to a custom Power BI dashboard for visualization, saving 120+ hours of analyst work annually.
- Developed internal analytical tools using Python for the Financial Data Exchange API team, analyzing over 100k data points daily and reducing manual error calculation time by 85%. Visualized results with matplotlib.

Resident Advisor | UNC-Chapel Hill | Chapel Hill, NC   **Aug 2023 - May 2024**
- Led 90 residents in Hinton James residence hall as their Residential Advisor, responsible for ensuring student success and involvement on campus.