Albert Li

albert.yiliang@gmail.com | 309-857-5018 | linkedin.com/in/albs | www.lialbert.com

Education

University of Illinois at Urbana-Champaign   **May '22**
B.S. in Computer Science, Minor in Statistics | College of Engineering James Scholar Honors   GPA: **3.9** / 4.0

Relevant Coursework: Distributed Systems, Computer Security, Database Systems, Algorithms, Systems Programming, Data Structures, Computer Architecture, UI Design, Bioinformatics

Experience

Facebook   August '21 — November '21
Software Engineer Intern — React, JavaScript, GraphQL, Relay, PHP/Hack   San Francisco, CA
- Working on the Stories team building new products

Salesforce: Tableau Software   May '21 — August '21
Software Engineer Intern — C++   Seattle, WA
- Added core features to public Tableau Viz API allowing users to create visualizations declaratively for dashboards
- Spearheaded telemetry infrastructure tracking product data for insights in customer usage and adoption

Motorola Solutions   June '20 — May '21
Software Engineer Intern — JavaScript, Express, Apache Kafka, SQL Server, Kubernetes   Champaign, IL
- Designed Node.js backend cloud service to monitor radio networks, integrated with an Apache Kafka stream for real time notifications, Azure SQL Server, and Kubernetes
- Architected CI/CD pipeline for Node services in Docker and K8 clusters on Azure DevOps

Caterpillar   August '19 — May '20
Software Engineering Co-Op — Python, Angular, TypeScript, Flask, MySQL   Champaign, IL
- Built an internal data querying web tool and API used by $1000+$ engineers with $20k+$ daily queries that reduced data lookup time from $10+$ minutes to seconds

Ameren   May '19 — August '19
Software Engineering Intern — Python, Angular, TypeScript, Flask, OracleDB, AWS   Champaign, IL
- Modernized internal project management web dashboard for PMs and executives, replacing an older deprecated version

UIUC Department of Computer Science   January '20 — May '21
Course Staff — CS 196: Freshman Honors   Urbana, IL
- Mentored 8 groups of students as Project Manager to produce full stack apps and machine learning projects
- Created website (**cs196.cs.illinois.edu**) on Apache Server and built grading infrastructure for $200+$ students

Projects

UIUC Diversity | Data visualization showing racial disparities of every major   **lialbert.com/uiuc-diversity**
- Processed 15 years of data to build dynamic visualizations of demographics using d3.js, TypeScript, and Python

Tangram | Android/iOS social media app with hyperlocal video feeds   **github.com/albearli/tangram**
- Utilized MySQL, Neo4j, Go, and Python on AWS to create 4-directional swiping of location-based videos on map

Skills

Languages: Python, C++, JavaScript, TypeScript, Java, SQL, Shell
Frameworks + Tools: React, Angular, GraphQL, Relay, Node.js, Flask, MySQL, MongoDB, Neo4j, Linux, Kubernetes