Kimberly Chen

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Kim's Website|linkedin.com/in/kimberlykchen

EDUCATION

Texas A&M University, College Station, TX   *May 2025*
Bachelor of Science, Computer Science (Computer Science Honors)   *GPA: 3.85*
Minor in Statistics
Relevant Coursework: Distributed Systems, Machine Learning, Data Structures, Operating Systems, Design and Analysis of Algorithms

SKILLS & INTERESTS

Technical / Computer Skills

- Advanced: C/C++, Java, Python, OpenShift/Kubernetes, Docker, Cassandra, gRPC, Git, Agile Methodologies
- Intermediate: PostgreSQL, React.js, TypeScript, Node.js, AsyncAPI

PROFESSIONAL EXPERIENCE

Viasat, San Diego, CA   *May 2024-Present*
Software Engineering Intern

- Utilized Docker, Kubernetes, and OpenShift to modernize the existing integration testing framework, improving deployment time by 60%
- Leveraged WebSockets and Protobufs to develop an API that facilitates seamless configuration changes from a legacy application to a new microservice architecture, cloud-based system
- Implemented a translation module to convert Protobuf messages into AsyncAPI messages that work well with event-driven systems

Thomson Reuters, Minneapolis, MN   *May 2023-Aug 2023*
Software Engineering Intern

- Developed a note-taking application feature that increased usability and product satisfaction
- Contributed to the resolution of roughly 22% of the bugs in the backlog
- Leveraged Java and GWT to develop solutions to various client and server side bugs

Maverick Software Consulting, Remote   *Sep 2023-Aug 2024*
Software Engineer / QA Engineer

- Utilized Java, Jenkins, and Selenium to write scripts for automation testing
- Collaborated with cross-functional teams to identify test requirements and ensure comprehensive test coverage

PROGRAMMING PROJECTS

Tiny Distributed Social Network   *Jan 2024-May 2024*

- Developed a distributed social network system using Protobufs and gRPC for efficient server-client communication
- Integrated Apache ZooKeeper for configuration management, distributed synchronization, and round-robin load balancing

CapsuleMap App (Full-Stack) | https://github.com/kimcchen/CapsuleMap   *May 2021-May 2022*

- Utilized Firebase and Flutter frameworks to develop an app aimed at keeping users mentally and physically healthy during Covid
- Received $1000 in grants and $10,000 in AWS credits from 1517 Fund towards the continuation of our project
- Integrated Google Maps with Firestore data using Google Maps Platform API