John Altankhuyag

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🌐 johnaltan.com

🎓 Education

Stanford University   Jun 2022
Computer Science B.S. (Systems, HCI)
> Coursework: Systems, Networking, Machine Learning, Web Development, Cybersecurity Algorithm/Data Structures, Graphics, Data visualization, Databases, HCI, Game Development

Beijing No.80 High School   Jun 2018
Valedictorian

⦿ Experience

TikTok Inc.   Jun 2021 – Present
Software Engineering Intern
> With focus on Backend Infrastructure, brought key improvements to enhance DevOps architecture through new tools, automated continuous testing, and disaster recovery.
> Designed and built a fully automated integration test coverage tool that is used daily by TikTok to monitor reliability across all its services.
> Go, CDaaS, Gin, Grafana, Git

Stanford HCI Group   Jun 2020 – Sep 2020
Research Software Engineer
> Designed & built a complete phone app from the ground up. with advanced functionalities, such as Firebase Visual Recognition, ML color classifier, and NLP ChatBot with Voice Recognition.
> Java, Kotlin, Firebase

ITZone LLC   Jul 2019 – Oct 2019
Software Engineering Intern
> Designed and built Frontend components and integrated them with Backend servers for HRM web platform used by top companies across Mongolia. Made major contributions in deploying a full-scale product.
> Python, C++, React.js, Node.js, Git

⚗ Personal Projects

WeSearch!
> A search engine app that scrapes the Internet to compile informative single-page summaries.
  Tools: Java, Kotlin, Android Studio

Portfolio Website (johnaltan.com)
> A creative project to self-teach web development, frameworks, and hosting.
  Tools: JavaScript, HTML, CSS, React

Circles
> Muti-platform social app for connecting with friends and organizing casual hang-outs and events.
  Tools: Flutter, Dart, Figma, Firebase

⚙ Skills

Languages Go, Python, C/C++, Java, JavaScript, SQL, Kotlin, Dart, Swift
Frameworks React.js, Flutter, React Native, Node.js
Tools Git, Figma, Grafana, Tableau, Jupyter, HTML/CSS