JOSH HINKLE

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in josh-hinkle ◯ joshhinkle ⊕ joshhinkle.com

SKILLS

Technologies

Kotlin && **Java** && **SQL** && **Python**
JavaScript && **Docker** && **K8s**
Spring && **AWS**

Professional

Prototyping && **Systems Design**
Cross-discipline Collaboration
Project Management && **UI Design**

EDUCATION

San Jose State University

B.S. Chemical Engineering
Minor in Computer Science

AWARDS

NASA ASAP Award

NASA agency-wide award for work done during 2017 internship

Senior of the Year

Top Senior in NorCal chapter of American Institute of Chemical Engineers

Outstanding Senior Award

Given to the top voted senior in department

Outstanding Junior Award

Given to the top junior in department

PROFESSIONAL EXPERIENCE

SOFI
Senior Software Engineer

March 2019 - Present
San Francisco, CA.

» Team Lead and Senior Backend engineer on the SoFi Money team, primarily using Kotlin, Java, and Spring Boot in a micro-service architecture.

» Designed and implemented organization-wide data pipeline core infrastructure, utilzing AWS Kinesis, S3, Snowflake, and others.

» Team lead on large user-facing projects such as Samsung Money by SoFi and Personal Loan - Money Bundle. Aimed at increasing numbers of Direct-Deposit enabled financial accounts, a top company KPI. For this project I was featured in a blog post by builtin.com

» Designed and built the entire resilient Webhooks API with which SoFi communicates with Samsung, currently having sent 29M messages with 0 dropped.

Software Engineer

March 2019 - September 2020

» Backend Engineer on the Time To Fund team, responsible for decreasing the friction between signing and funding by leveraging automation

OTC EXCHANGE NETWORK ("OTCXN")
Software Engineer

June - December 2018
San Francisco, CA.

» Full stack and blockchain development using Java, Javascript, Node.js and React.

» Integration of blockchain technology in back-end to decrease reliance on third-party financial firms, and increase P2P capital market activity.

NASA AMES RESEARCH CENTER
Software Engineering Intern - AMA

January 2017- May 2018
Mountain View, CA.

» Use of Java, VB, Microsoft SQL to code database application solutions to assist in the research of thermo-protective materials to be used in NASA reentry vehicles.

Software Engineering Intern

January - September 2017

» Designed and developed relational database application for documenting the decomposition products of aerospace materials being tested under atmospheric reentry conditions.

» Custom UI design built with JavaScript, CSS and HTML enabled NASA engineers with no DB training to customize their own queries, generating reports and data visualizations on demand.

» Presented to NASA administrative staff software capabilities and results of the investigation.

PROJECTS & LEADERSHIP

WOMENCOLLEGETECH.COM

» Collaboration with a NASA engineer coworker involved with the Society of Women Engineers leadership. Designed and developed social network website designed to aggregate engineering talent from all-women colleges