JOSH HINKLE

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 josh-hinkle   joshhinkle   joshhinkle.com

SKILLS

Technologies

Java && SQL && Python
JavaScript/ES6 && React/Node
HTML/CSS && Docker && Git
Bash && Unix/Linux

Professional

Cross-discipline Collaboration
Project Management && UI Design
Prototyping && Process Design

EDUCATION

San Jose State University

B.S. Chemical Engineering
Minor in Computer Science
SJSU GPA: 3.98

AWARDS

NASA ASAP Award

NASA agency-wide award for
work done during 2017 internship

2018 Senior of the Year

Top Senior in NorCal chapter of
American Institute of Chemical
Engineers

Outstanding Senior Award

Top senior in department
2017-2018

Outstanding Junior Award

Top junior in department
2016-2017

Promise Award

Top sophomore in department.
2015-2016

Dean's Scholar

Two contiguous semesters of
GPA>=3.7
2017-2018

President's Scholar

Two contiguous semesters of
GPA==4.0
2016-2017

PROFESSIONAL EXPERIENCE

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 - AMA
Software Engineering Intern

January - May 2018
Mountain View, CA.

» Consulted with departments within Analytical Mechanics Associates at NASA to provide both local and online software solutions.

» 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.

NASA AMES RESEARCH CENTER
Software Engineering Intern

January - September 2017
Mountain View, CA.

» 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.

» Utilized this software in an investigation on decomposition products associated with aerospace materials being tested on-site.

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

PROJECTS & LEADERSHIP

WOMENCOLLEGETECH.COM

» Designed and developed social network website designed to aggregate engineering talent from all-women colleges in effort to enhance these college's representation in Silicon Valley technology industry.

» Collaboration with a NASA engineer coworker whom is involved with the Society of Women Engineers leadership.

ROBOTICS COMPETITION

» Lead programmer on team for Robotic Systems engineering challenge.

» All robot logic, AI, movement, and sensory analysis programmed in C.

» Team had the most successful robot in three of four categories.

RECYCLING WATER ON MARS (SENIOR PROJECT)

» Leader of 6 person team researching and designing new process for water reuse for manned Martian mission in collaboration with NASA Ames Research Center

» Leadership duties include scheduling meetings and interfacing with client, securing funding, and delegating tasks amongst team members.