NIKITA ASHOK

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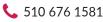
EDUCATION

University of California, Berkeley - Computer Science (expected: December 2020)

Activities:
- Free Ventures, leading pre-seed accelerator
- Fung Fellowship, product design for healthcare clients
- Accel Scholars
- Sigma Eta Pi, co-ed entrepreneurship org.
- Kairos Society

Classes:
- Algorithms
- Security
- Databases
- ML/AI
- Networking
- Databases
- Operating Systems
- Data Structures (Academic Intern Su'18)

EXPERIENCE

Slack, Inc.   May 2020 - Aug. 2020
Software Engineer Intern, Kleiner Perkins Fellow
- Led the incorporation of a new XSS prevention library for Slack's link "unfurling"
- **Build a fully functional recursive stratefy based library in Hacklang, creating lexers, generators, and tokenizers to convert regular string meta URL's to tokens that are sanitized of vulnerabilities**
- Improved the existing third party service that lives within the Slack codebase by a 5x performance speed-up

Amazon   May 2019 - Aug. 2019
Software Development Engineering Intern
- Built AWS Single Sign On App Catalog, transforming over 200 integration templates for SAML federation flows
- Integrated a full stack web application (Java + ReactJS) with read, search, sort, and diff functionality for version control within the App Catalog SAML company catalog

Free Ventures   March 2019- present
Director, Startup Accelerator
- Leads accelerator at The House with investment firms across the Bay Area to back 10 yearly startups
- Advises companies that have secured funding from 8VC, and has raised over $7k in additional program sponsorship

Whitney Lab, UC Berkeley   June 2016 - Dec. 2017
Research Assistant (under Prof. Allison Leib)
- Facilitated mobile development testing for UI/UX and user flow
- Scripted MATLAB code for 2 human vision experiments and data analytics to detect how well humans guage animacy

PROJECTS

Pursu (ReactJS, GraphQL) **pursu.dev**
- Built the frontend funtionality and design with API calls using GraphQL in ReactJS for an ML tool that automates software recruitment management

CalHacks 4.0 - HoneyComb (Python)
- Built a web app tool that helps students visualize content in network graph structures

SKILLS

- » Java
- » Python
- » C
- » Hacklang
- » AWS
- » NumPy
- » ReactJS
- » GraphQL

RECOGNITIONS

National Center for Women & Information Technology (NCWIT)
San Francisco Bay Area: Honorable Mention 2017