SAMAST VARMA
STUDENT

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EDUCATION

University of Michigan (Ann Arbor, MI)
December 2020
Computer Science
College of Engineering
GPA 3.48/4.00

SKILLS

C++	Javascript
iOS	Python
HTML	Go
Docker	Kubernetes
Lightroom	Photoshop
Leadership	Teamwork

HONORS

Eagle Scout
April 2014
Planned and implemented Eagle Project by building a retaining wall that addressed erosion on trails and achieved the highest rank of Scouting.

University Honors, Dean's List
December 2017, April 2019
Recognized for academic standing, determined by high GPA and course credits.

RELEVANT COURSEWORK

Machine Learning

Operating Systems

Web Systems and Databases

Data Structures and Algorithms

EXPERIENCE

Software Engineer Intern @ Salesforce (San Francisco, CA)
May 2019 > August 2019
• Collaborated with Heroku Runtime team to develop security vulnerability scanner for internal service Docker images using Go and various open source libraries, such as Clair
• Utilized Slack API to deliver daily digest of high-severity actionable vulnerabilities to engineers along with potential solutions
• Deployed services and job to Kubernetes cluster to easily scale and preserve uptime

Mobile Developer @ U of M Division of Public Safety and Security (Ann Arbor, MI)
Sep 2017 > May 2019
• Targeted issue of lacking UI and low user count of iOS application by redesigning and overhauling using Swift
• Added responsiveness and features like image reporting
• Improved system's backend routing for scalability
• Photographed events to improve PR of division

Software Engineering Intern @ Yantra Inc. (Santa Clara, CA)
May 2018 > July 2018
• Solved issue of inconsistency between e-commerce stores and business data
• Developed integration, or two-sided bridge of data, between NetSuite and Shopify
• Integration syncs data regarding customers, orders, products, and fulfillments in real time

Operations and Strategy @ U of M Solar Car Team (Ann Arbor, MI)
Sep 2017 > May 2018
• Began development of live weather overlay for StratMap, a live tracker of the car in the race
• Organized trip to NAIAS for the team of 60 students
• Worked with manufacturers to build Novum's roll cage for American Solar Challenge

PROJECTS

Co-Founder @ Sents (sents.dev)
April 2019 > Present
• Created and led team of three students
• Designed and implemented web tool to visualize correlation between stock price and sentiment, by scraping data from various forums and utilizing it in a machine learning model

Developer @ Cape Drive
June 2018
• Created integration with Javascript between Google Drive and thecape.ai (discontinued)
• Enabled users to ask questions about content of Drive documents, based on context and NLP
• Beta was deployed on personal website

Founder @ Neighbor Ninja
May 2016 > Dec 2016
• Devised and built iOS application with Swift for improved crime awareness through preventative measures like reports based on geolocation
• Met Yantra Inc. team at Shutterfly weekly to present progress
• Led team of peers and pivoted to target university campuses instead of communities

Developer @ AMZNtrackr
October 2015
• Programmed web application with Javascript which tracked prices of Amazon products and notified users when prices changed
• Created at HS Hacks II hackathon with team of four