ANUSHA BOHRA

abohra@umich.edu | 503-438-8750 | anushabohra.com

EDUCATION

University of Michigan, **College of Engineering,** Ann Arbor, MI   September 2018 - May 2022
B.S.E. in Computer Science Engineering, Minor in Applied Statistics   GPA: 3.4/4.0

Relevant Coursework: Applied Statistical Models, Linear Algebra, Digital Design, Web Systems, Computer Architecture, Data Mining, Operating Systems, Machine Learning, Statistical Computing

WORK EXPERIENCE

Capital One, *Technology Intern*, *McLean, VA*   June 2021 - August 2021
- Built AWS Lambda function leveraging SQS queue and AWS S3 buckets improving automation of credit card delivery services and reducing necessary production support time by 25%
- Implemented Java function to allow batch reprocessing of files decreasing manual effort of extracting images to be printed on custom cards by 2 hours per week
- Transitioned customer data from MongoDB to AWS Aurora Database to optimize utilization of EC2 instances, eliminate the need for rehydration every 15 days, and store secure duplicates of data

Autodesk, *Software Engineering Intern*, *San Francisco, CA*   May 2020 – August 2020
- Created machine learning inference-based recommendation engine to suggest suitable materials in Autodesk's suite of products allowing for smoother migration to enhanced material libraries
- Developed visualization tools to test accuracy and adjust model architecture of recommendation system

Intel Corporation, *Software Engineering Intern*, *Hillsboro, OR*   June 2017 - August 2017
- Debugged and contributed code to open source Software Defined Networking [SDN] project called OpenDaylight to enable network automation for telecommunications companies [opendaylight.org]
- Presented tech talk about SDN and Network Functions Virtualization [NFV] to showcase learnings

PROJECT EXPERIENCE

Artizan, *Full-Stack Developer and UI/UX Designer*   May 2020 - Present
- Designing and developing online platform for startup to connect local artisans with homeowners [artizan.pro]

Kappa Theta Pi Professional Fraternity, *Active Member*   April 2019 - Present
- Implemented and designed front end for Quant trading application that utilizes several statistical models and APIs to identify best trading opportunities in the market and make recommendations to users
- Revamped organization webpage to achieve more interactive and sleek appearance [kappathetapi.com]

LEADERSHIP EXPERIENCE

University of Michigan, *Team Lead and Research Assistant*   October 2018 - Present
- Managing team of 8 to evolve ORBIT [Online Resource for Building Intercultural Teamwork] into a business, launch beta release, and survey beta testers to foster continuous improvement of platform
- Developed website to promote ORBIT webtool at 2019 EduCause Annual conference [orbit-project.com]

Atlas Digital Consulting, *Vice President*   April 2020 - Present
- Overseeing club operations by coordinating meetings, managing clients, and directing executive board

SKILLS

Languages: C++, Python, JavaScript, HTML5/CSS3, Java, MATLAB
Frameworks & Technologies: PyTorch, Vue.js, React.js, React Native, Firebase, AWS
Tools: VS Code, Xcode, Agile Development, Atom, Git, Bash
Design: Figma, InVision, Balsamiq, AdobeXD