

ANUSHA BOHRA

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EDUCATION

University of Michigan, College of Engineering, Ann Arbor, MI

2018-2022

B.S.E. in Computer Science, Minor in Applied Statistics

Awards: University of Michigan Alumni Scholarship, Nike Corporation Scholarship

Completed Coursework: Introduction to Programming [ENGR 101], Digital Product Design [ENTR 390], Calculus I-III, Introductory Data Structures [EECS 280], Discrete Mathematics [EECS 203], Operations Modeling [IOE 202]

Current Coursework: Data Structures and Algorithms [EECS 281], Applied Statistical Models [STATS 401], Computer Science Pragmatics [EECS 201]

EXPERIENCE

Machine Learning Research Intern at *Portland State University*, OR

May 2019 - August 2019

- Trained and tested an adversarial image classification model based on PyTorch to identify car make based off inputted image
- Formulated Bash scripts to build a database of over 300,000 images for training of the model
- Tested the model using live traffic footage to utilize city street cameras and provide requested data

Research Assistant at *University of Michigan*, MI

October 2018 - Present

- Mapped out information architecture of ORBIT [Online Resource for Building Intercultural Teamwork] to enable international collaboration
- Designed the user interface by applying UX design concepts such as card sorting interviews and wireframing
- Driving website development to promote ORBIT webtool at 2019 EduCause Annual conference and gather potential beta testers [orbit-project.com]

Software Engineering Intern at *Intel Corporation*, OR

June 2017 - August 2017

- Debugged and contributed code to open source Software Defined Networking [SDN] and Network Functions Virtualization [NFV] project called OpenDaylight [opendaylight.org]
- Operated under Agile software development methodology using Jira management tool
- Presented a tech talk about SDN and NFV to Network Platforms Group

ACTIVITIES

Kappa Theta Pi Professional Fraternity *Active Member*

April 2019 - Present

- Front-End Developer for the fraternity's Quant committee, to create a user friendly Quant trading application
- Developing a React Native based trading application, implementing multiple API's, designing an elegant user interface through Adobe XD, and working directly with the back-end team for complete efficiency

Michigan Fintech Flagstar Business Challenge *Finalist*

January 2019

- Created and presented a strategy to C-level executives utilizing emerging Blockchain technology to attract and retain Flagstar bank customers

Sanger Leadership Center Crisis Challenge *Finalist*

April 2019

- Role-played in a company's senior executive team as it underwent a high-stakes and high-pressure simulated crisis scenario over a 24-hour period

SKILLS

Languages: C++, Python, JavaScript, MATLAB, HTML5/CSS3, Bash Scripting, SQL

Tools: VS Code, IntelliJ, Xcode, Jira Management

Design: Figma, InVision, Balsamiq, AdobeXD

Other: Autodesk [Inventor, Revit, Navisworks], Solidworks, SketchUp, Microsoft [Word, Excel, PowerPoint]