Rohan Batra

40959 Scarborough Lane | Novi, Michigan 48375
batrar@umich.edu | (248) 747-1470

EDUCATION

UNIVERSITY OF MICHIGAN   **Ann Arbor, Michigan**
College of Literature, Science, and the Arts   *Expected May 2021*
B.S. in Computer Science

- University Honors Designation
- Director of Academics in 2019, Phi Chi Theta Professional Business Fraternity
- Study Abroad in Zagreb, Croatia (Ross School of Business)
- Relevant Coursework**:** Data Structs & Alg, Software Engineering, Web Systems
- GPA: X.XX/4.00

EXPERIENCE

Summer 2020   **Amazon**   **Seattle, Washington**
Incoming Software Engineering Intern

- Place-holder
- Place-holder
- Place-holder

Summer 2019   **Garmin International**   **Novi, Michigan**
Software Engineering Intern

- Built a Developer GUI and User Interface to support multiple Electric Vehicle Connectors, using the Qt frame-work to enhance search results for possible charging stations in EU/NA maps
- Developed a text-to-speech feature using C++ and QML to support user compatibility with current weather forecast information through AccuWeather and Ford API for the GPS navigation system
- Improved the code-base by identifying defects and security vulnerabilities through static and dynamic code analysis tools, while collaborating with development teams through JIRA, Coverity, and Gerrit

Summer 2018   **ZF North America**   **Northville, Michigan**
Data Science Intern

- Designed a user-interface model using Power BI and DAX to identify and evaluate statistical gaps in over 100 data sets of automatic gear-shift quality within vehicles and automotive-related services
- Developed a standardized Python library and package by analyzing a best-practice codebook to streamline and standardize data cleaning processes for the data science engineers
- Optimized the IT Innovation department project's process time utilizing agile-project methodologies and management tools by collaborating across teams to identify key-process flow

2017 - 2018   **Eli Broad College of Business**   **East Lansing, Michigan**
Professorial Research Assistant

- Appointed as one of the top 1% entering college students to work with the teaching faculty on tasks directly related either to scholarly research or innovative teaching, pertaining to our preferences
- Analyzed inventors and technologies to understand which characteristics increase the likelihood of entrepreneurship given prior technological development
- Consolidated over 1000 data entries into an accessible format to further gauge attention into determining the specific inventors that need to be contacted about their entrepreneurial endeavors

PROJECTS

- **Qwerty:** Developed an iOS chat-bot at a Hackathon using DialogFlow NLP and Flask from the back-end and Swift and a Firebase authentication from the front-end to educate young adults about banking
- **Ro-Bot**: Currently in the development process of creating a bot that automatically checks-out limited fashion wear products through Python and web-scraping tools, such as Flask

ADDITIONAL

- **Proficient Languages & Skills:**
  - C++ / C
  - Python
  - Java
  - HTML
  - Git / Gerrit
  - JIRA
  - Agile / Scrum
  - Docker
- **Interests:**
  - Competitive Bhangra Dancer
  - Fashion & Sneakerhead Enthusiast
  - Fantasy Football & NBA Fan
  - Rap Music