# BENJAMIN TURNER

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## EDUCATION

**University of Michigan, Ann Arbor, MI**                                                                          *August 2016 - April 2020*
Bachelor of Science Engineering in Computer Science, Expected Graduation April 2020
- ▪ **Relevant Coursework –** Data Structures & Algorithms, Computer Architecture, Discrete Mathematics, Macroeconomics, Microeconomics, Finance, Marketing, Computer Security, UX Design, App Design
- ▪ **Honors & Awards:** Dean's List, Regents Merit Scholar
- ▪ **Clubs:** Michigan Freshman Business Club

## EXPERIENCE

**Humana Inc, Louisville, KY**
**Software Engineering Intern - Mobile Development**                                              *August 2018 - Present*
- ▪ Participated in paired programming in a full-stack environment, working on an Android app
- ▪ Constructed an android maps view from scratch in coordination with the Google maps API with the intention of improving the customer experience of finding and locating medical providers
- ▪ Created pop up alerts within the application using material design for improved user experience
- ▪ Worked on cleanup and design improvements throughout the application to increase app functionality
- ▪ Gained experience working remotely and communicating with associates on daily standup calls

**Software Engineering Intern - Information and Management Analytics**                *May 2018 - August 2018*
- ▪ Worked on the enterprise data analytics teams to help create a data marketplace
- ▪ Wrote code in C# and cshtml using .net framework to develop the UI and backend
- ▪ Used MSSQL in order to store user comments and ratings to develop a popularity score
- ▪ Developed a data quality score using data metrics such as the percent nulls and delivery date to provide the user with an easy to understand score to convey the usefulness of the data
- ▪ Participated in daily meetings with bi-weekly sprint plannings in an agile work environment

**Effyis Inc, Troy, MI**
**Junior Analyst Intern - Information Retrieval**                                                          *May 2017 - May 2018*
- ▪ Worked on projects for socialgist and boardreader.com, entities of Effyis Inc.
- ▪ Used MySQL, SQL, and hbase databases to store and manipulate parsed data
- ▪ Wrote web parsers in node.js for worldwide blog hosts that would scan for new users and dedupe against a hbase table to then add or discard the hosts based on the dedupe
- ▪ Developed review parsers using html to parse review websites and store keys for categories and products

## PROJECTS

**UFind - Humana Hacks Winner**                                                                                        *July 2019*
- ▪ Google Maps like product that allows a user to find a location of an office or room on a floor plan
- ▪ Compiles to a web UI and native IOS and Android apps using the Ionic Framework
- ▪ Data is served from a simple Go api connecting to a MongoDB instance

## TECHNICAL SKILLS

- ▪ **Languages/Frameworks**: HTML/CSS, JavaScript, Node.js, .NET, C#, SQL, C++, Python, C, Java, Kotlin
- ▪ **Applications**: Microsoft Office Suite, TFS, Git, GitHub, Android Studio, Azure DevOps
- ▪ **Databases**: MSSQLServer, Hbase, MySql, MongoDB
- ▪ **Operating Systems**: Windows, MacOS, Linux, UNIX